FAX

MAGIG 2 VOX

Let's make things better.

PHILIPS

Dear customer,

The fax machine you have purchased prints on normal paper by means of an ink film. It also enables you to use additional devices, such as cordless phones. Your fax machine is also equipped with functions that facilitate the installation and use.

Sending and receiving fax messages

To send a fax message that is more than one page, you can place up to ten pages into the document feeder. In case you run out of paper, faxes are stored until you print them out.

E-mail / Internet

Your fax machine provides the possibility to send and receive e-mail messages. After e-mail registration, fax messages can be transmitted as e-mails via the Internet at a lower rate than using regular fax transmission, since for Internet you are only charged for the cost of a local phone call irrespective of the destination of your fax. Downloading and printing out Internet pages is also an option.

Scanner

Your fax machine comes with a detachable scanner. This enables you to fax or copy documents that cannot be fed into the fax machine, such as pages out of books and magazines.
In addition, this fax machine provides copier features like: multi-page copy, document enlargement and reduction as well as contrast adjustment, which are typical for regular copy machines.

Additional (cordless) telephones

Your fax machine fully supports the use of additional devices, such as telephones, cordless telephones, external answering devices or any other telecommunication devices suitable. You can transfer calls from the fax machine to a (cordless) telephone and vice versa. You can also start fax reception from an additional phone or stop the built-in answering device—if your fax machine has such a device—to start a telephone conversation.

Help key

If you press HELP/INSTALL twice, your fax machine will print out a page describing the basic functions. It also provides information about additional help pages concerning fax machine use.

Quick and easy installation

EASY INSTALL will guide you through the installation of your fax machine. Press HELP/INSTALL for more than two seconds and a sheet will be printed out. Using this sheet together with the display prompts to aid the installation of your machine. Once you have gone through these steps the machine will automatically configure itself.

Fax switch and modes ☼ ☾ ⏲

The fax switch separates fax and voice messages. For example, it can receive fax messages silently, i.e. without ringing to avoid causing a disturbance.
The operating modes ☼ and ☾ for day and night operation allow you to decide on different modes during the day and at night; how often the machine should ring prior to receipt of faxes or before the answering machine is turned on; e.g. during daytime it is assumed that calls should ring. After a set time the fax reception is turned on and messages can be left on the (internal or external) answering machine. At night it is assumed that disturbances are minimised. Faxes are then received silently and calls ring more quietly.
The timer ⏲ makes your fax machine switch automatically between ☼ and ☾ modes. The built-in clock makes your fax machine switch to ☾ at 10 pm and back to ☼ at 6 am. Of course you can change these times according to your individual needs or switch off the timer. The display will show the current settings.

! Never expose your fax machine to rain or any other form of moisture, in order to prevent the risk of electric shock or fire.

! In a thunderstorm, disconnect the fax machine from both the mains and the telephone line. If you are unable to disconnect the fax machine, do not use it and do not telephone due to the danger of lightning strike and/or damage to the device.

Safety instructions

- Please read all warning notices and instructions and follow them precisely.
- Never connect the telephone in damp rooms unless the wall sockets are specially designed for humid conditions. Never touch the power plug, connection to the mains or telephone socket with wet hands.
- Never touch uninsulated or telephone or power cables with damaged insulation, unless the telephone cable is disconnected from the telephone line and/or the power cable is disconnected from the power line.
- Never install the fax machine close to radiators or air conditioners. Avoid operating the fax machine in direct sunlight.
- Place the fax machine on a flat surface and ensure a minimum clearance of 10 cm between the fax machine and other machines and objects.
- Make sure that your fax machine is stable and rests squarely on the supporting surface. Any fall can cause severe damage to the fax machine and/or injury to people, especially small children.
- Make sure that air circulates freely around the fax machine. Do not operate the fax machine in closed boxes, cupboards, cabinets etc. Leave a clear space of 10 cm around the ventilation grilles of the fax machine. Never cover the fax machine (tablecloths, paper, folders etc.). Do not place the fax machine on beds, tablecloths, cushions, sofas, carpets or other soft underlays due to the danger of overheating and subsequent fire.
- Ensure safe cable laying (danger of stumbling, damage to the cable or the fax machine).
- Disconnect the fax machine from the mains and telephone line before cleaning the surface of the machine.
- Never use liquid or gaseous cleaning agents (sprays, scouring agents, polishes etc.).
- Do not allow any liquid to enter the fax machine. Otherwise there is a risk of electric shock or other injury to people and severe damage to the fax machine. If any liquid does enter the fax machine, immediately remove the power plug and have the fax machine professionally inspected.
- If the display breaks, a mildly corrosive liquid may leak out. Avoid contact with skin and eyes.
- In case of any damage caused to the housing of your fax machine in particular to power cables please remove the mains plug and call your service repair centre. The housing of your fax machine may only be opened by authorised service personnel.
- Your fax machine has been tested in conformity with standards UL 1950, EN 60950 and IEC 950 respectively, and may only be operated with telephone systems and power equipment which meet these standards.

International guarantee

PHILIPS products have been designed and manufactured to the highest quality standards. If, unfortunately, something should go wrong with this product, PHILIPS guarantees free of charge labour and replacement parts during a period of twelve months from date of purchase. This international PHILIPS guarantee complements the existing national guarantee obligations to you of dealers and PHILIPS in the country of purchase and does not affect your statutory rights as a customer.

The PHILIPS guarantee applies provided the products are handled properly for its intended use, in accordance with its operating instructions and upon presentation of the original invoice or cash receipt, indicating the date of purchase, dealer's name and model and production number of the product.

The guarantee may not apply if:

- the documents have been altered in any way or made illegible;
- the model or production number on the product has been altered, deleted, removed or made illegible;
- repairs or product modifications and alterations have been executed by unauthorised service organisations or persons;
- damage is caused by accidents including but not limited to lightning, water or fire misuse or neglect;
- damage is caused by a power surge after a power cut.

Please note that the product is not defective under this guarantee in the case where modifications become necessary in order for the product to comply with local or national technical standards which apply in countries for which the product was not originally designed and/or manufactured. Therefore always check whether a product can be used in a specific country.

In case your PHILIPS product is not working correctly or is defective, please contact your PHILIPS dealer. In the event you require service whilst in another country, a dealer address can be given to you by the PHILIPS Consumer Help Desk in that country.

In order to avoid unnecessary inconvenience, we advise you to read the operating instructions carefully before contacting your dealer. If you have questions which your dealer cannot answer or any related question please send these in writing to our address or telephone your customer information service.

PHILIPS cannot be held liable for faulty or incompletely received information.

1 Introduction

Table of contents

Overview 1

Safety instructions 2
International guarantee 2

1 Introduction 3

Overview of the machine 4
Description of machine 4
General view of functions 5
Location of controls 6

2 Installation 8

Location 8
Connecting the fax machine 8
Replacing the ink film 9
Removing the old ink film 9
Loading the new ink film 9
Loading paper 10
Removing paper 11
Paper jam 11
Easy Install 12
Connecting additional devices 12
Private branch exchange - Line type 13

3 Basic functions 14

HELP function 14
Time and date 14
Entering your number 14
Entering your name 14
Correction 14
Language of display 15
Type of ring signal 15
Volume of the ring signal 15
Volume of the loudspeaker 15

4 Fax switch.................................. 16

Setting the Mode ☼☾ 16
Special settings 17
Mode ⏲ 17
EASYLINK 17
External answering machine 18

5 Telephone 19

Making a call 19
Redial 19
Short dial 📖 0-9 19
Telephone book 📖 A-Z 19
List of telephone numbers 20
Call transfer 20
Hands-free operation 20
(only with built-in answering device)
Mute 20
Calling line identification 20

6 Fax 21

Feeding documents in 21
Sending faxes 21
Broadcast 21
Image quality 22
Transmission report-error report 22
Overseas function-Transmission 22
Size compression 22
Fax journal 22
Polled reception 22
Polling send 23
Send later 23
Paperless fax reception 23

7 Scanner 24

Scanning 24
Copying 24
Contrast 25

8 E-mail 26

About sending faxes via e-mail 26
E-mail options 26
Internet account set-up 26
Prepaid card set-up 26
Fax transmission via e-mail 27
Short texts via e-mail 27
Download Internet pages 27
E-mail reception 27
Local cost faxing via Internet 28

9 Answering machine 29

(only with built-in answering machine)
Switching on and off 29
Recording a message 29
Duration of recording 29
Listening to messages 29
Play back volume 29
Deleting messages 29
Forwarding messages 29
Recording a conversation 30
VIP code 30
Memo 30
Remote control 31

10 Hints & Tips 32

Service code 36
Care and maintenance instructions 36
Fouling by copying or sending fax messages 36
Fouling by received fax messages 37

11 Appendix................................. 38

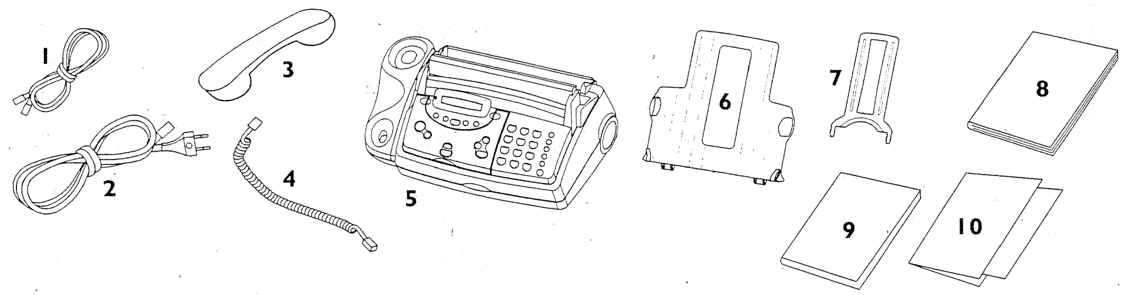
Technical data 38
Glossary 38

Index 39

Overview of the machine

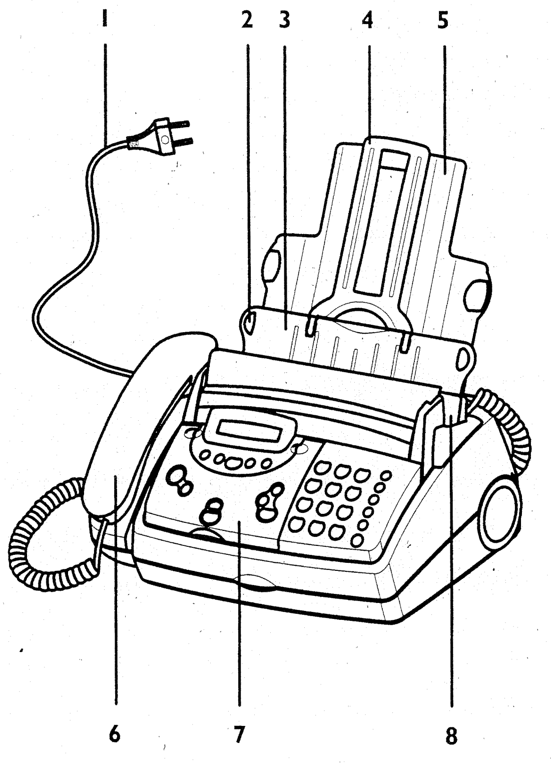
The following items are included in the packaging:

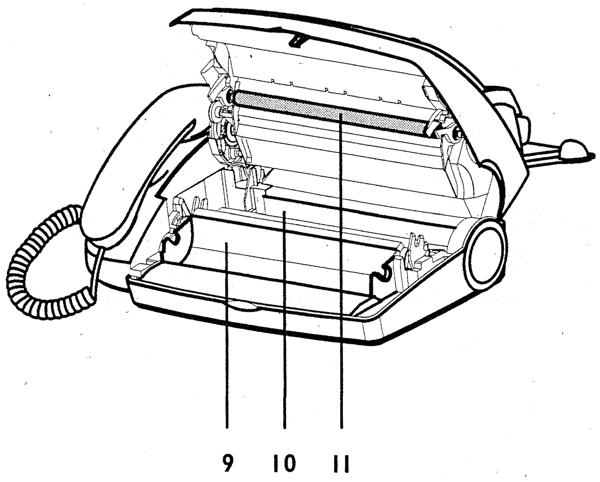
1 Telephone cable with plug
2 Mains cable with plug
3 Telephone handset
4 Spiral cable for telephone handset
5 Fax machine
6 Paper tray
7 Document support
8 User manual
9 Installation guide
10 Folder with e-mail registration form

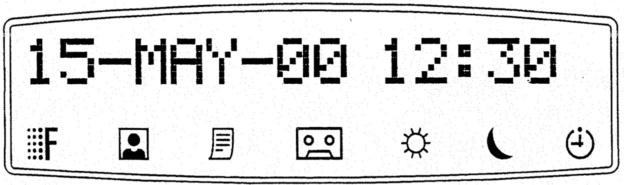


Description of machine

1 Mains cable with power plug
2 Document guide
3 Paper feed flap
4 Document support
5 Paper tray
6 Telephone handset
7 Operation panel
8 Scanner
9 Front ink film compartment
10 Rear ink film compartment
11 Printer roller







The symbols on the display indicate the current operating status:

FINE ⁞F/PHOTO ▣
indicates whether you are sending or copying with a higher picture quality or with grey tones. If neither of the two symbols is visible, the standard resolution is selected. To change the resolution use FINE/PHOTO.

▤
is visible when the document memory contains faxes.

▭*)
shows that the built-in answering machine is switched on.

☼ / ☾ / ⏲
Three symbols on the display indicate the current settings. You can choose the mode desired with the key ☼ ☾.

*) only for fax machine with built-in answering machine

General view of functions

You can print out a list of functions by pressing MENU three times.

1 Setup — Page

11 Set Language
(select the language of the display text) 15
12 Set time and date
(setting time and date) 14
13 Your telephone number
(enter your telephone number) 14
14 Your name
(enter your name) 14
15 Line type
(setting the private branch exchange) 13
17 Set Internet
(creating the Internet access) 26
18 Prepaid card
(set up prepaid card with credit control) 26

2 Fax

21 Transmission speed/overseas function
(setting for half-speed transmission) 22
22 Polled reception
(you can call up fax messages) 22
23 Polling send
(your fax message can be fetched) 22
24 Send later
(faxes will be sent later) 23
25 Broadcast
(same fax will be sent to more than one party) 21
26 Send e-mail
(send e-mail or fax via Internet) 27
27 Web page
(download of Internet-pages) 27
28 E-mail reception
(turn on / off e-mail function) 27
29 Fax > Internet
(send faxes via Internet) 28

3 Fax switch — Page

31 Day
(setting the DAY operating mode ☼) 16
32 Night
(setting the NIGHT operating mode ☾) 16
33 Timer
(setting the TIMER operating mode ⏲) 17
34 Easylink
(codes for use with additional telephones) 17

4 Others

41 Fax journal
(log of the last ten fax documents received and sent) 22
42 Dialling list
(print out of stored names and numbers) 20
43 Transmission report
(automatic print out of transmission protocols) 22
44 Ringer types
(selection between ten ringer types) 15
45 Service code
(deleting personal settings) 36
46 Size compression
(size compression of received fax messages) 22
47 Set contrast
(setting of contrast for copy / fax transmission) 25

5 Answering machine

(for fax machines with built-in answering machine)

51 Recording time
(setting for recording duration of calls) 29
52 Access code
(setting the code for the remote control of the answering machine and for message forwarding) 31
53 VIP code
(authorised callers can override the answering machine) 30
54 Memo mode
(message for the caller without the possibility to leave a message) 30
55 Forwarding
(messages forwarded to another telephone number) 29, 30

Location of controls

START/COPY

press briefly: to start fax transmission or to copy a document
press and hold (two seconds): to multiple copy an inserted document / rapid call-up of faxes

FINE ⁝F /PHOTO ▣

to select a higher resolution when copying or sending
(for text and graphics - FINE; for photographs - PHOTO)

Display lamp

If this lamp flashes, please read the message on the display.

HELP/INSTALL

press briefly (twice): print operating instructions for the most important functions with references to additional help pages
press and hold (two seconds): to start the automatic installation of your fax machine / printout of Easy Install

◄

to select options / to adjust the volume / to move cursor to left of display

MENU/OK

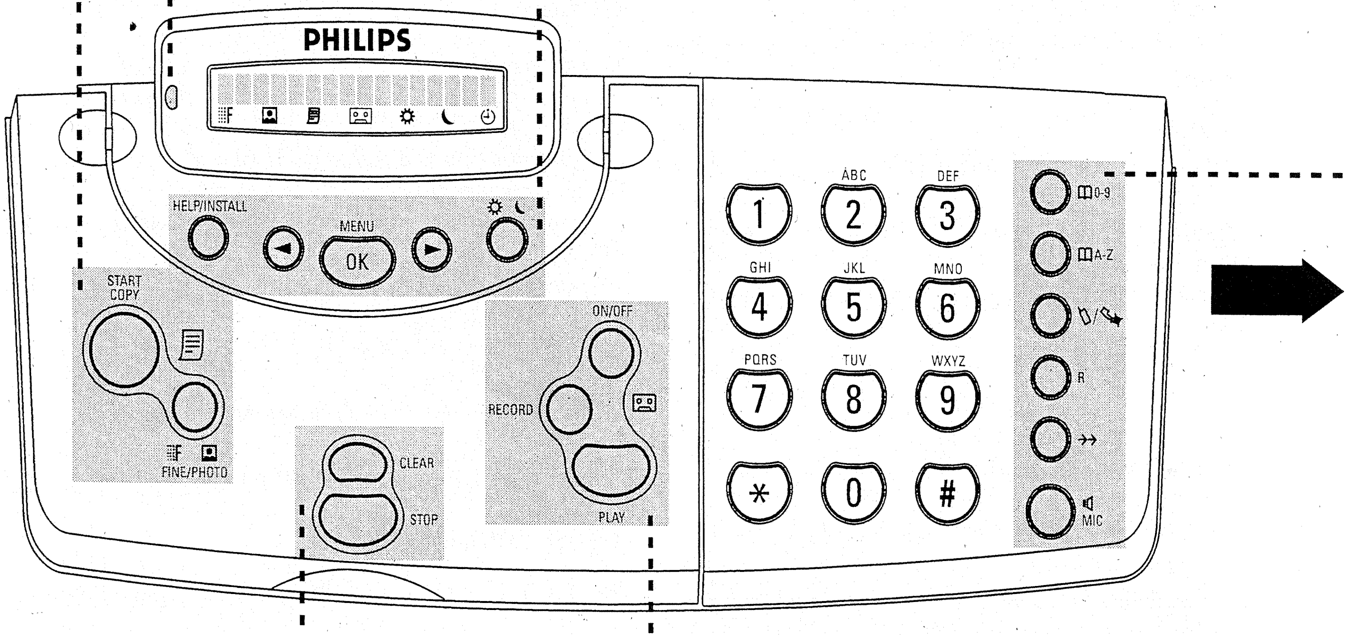
for calling up functions / to confirm entries

►

to select options / to adjust the volume / to insert a space when entering a name / to move cursor to right of display

☼ ☾

to select the different operation modes
press briefly: to choose between ☼ and ☾
press and hold (two seconds): operating mode ⏻ on/off



STOP

stops procedures

CLEAR

press briefly: to delete messages / entries / individual symbols
press and hold (two seconds): to cancel the whole entry

for fax machine with built-in answering device:

ON/OFF

to activate / deactivate answering machine

RECORD

press briefly: to record an internal memo
press and hold (two seconds): to record a new outgoing message

PLAY

To play back messages. The key flashes when new messages and memos have been recorded. After playback the key stays lit until messages have been deleted.

📖 0-9
press briefly: to select a phone number quickly
press and hold (two seconds): to store a telephone number

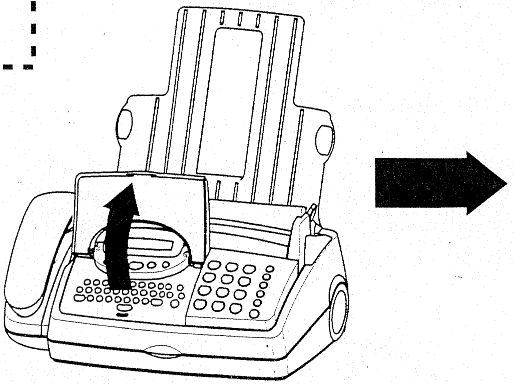
📖 A-Z
press briefly: to call up a name entry
press and hold (two seconds): to store a name entry

🎙/☎
temporary mute of microphone during a call / transferring a call from the fax machine to another telephone (only for serial connections, see Glossary)

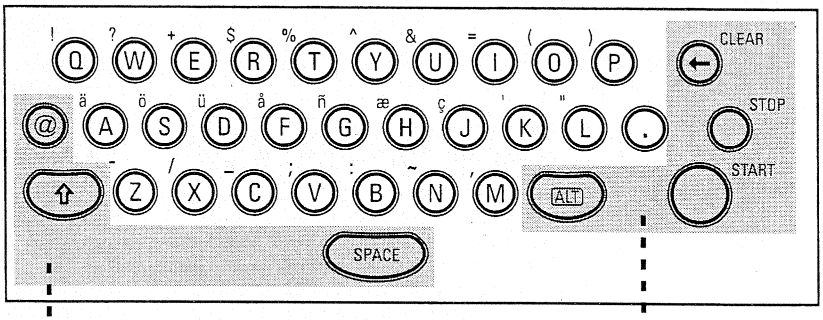
R
press briefly: for special functions, e. g. for the use with a private branch exchange and for using various functions provided by your service provider (call waiting etc.)
press and hold: to insert a dialling pause between two figures

→→
press briefly: to repeat the last five numbers you have dialled
press and hold (two seconds): to browse the list of callers

DIAL / 🔈 MIC
for dialling without lifting the handset. For devices with built-in answering machine for hands-free operation.



E-mail keypad under the flap:



@
for entering e-mail-addresses

⇧
for shifting to capital letters press ⇧ and desired key simultaneously

SPACE
to insert a space

CLEAR
press briefly: to delete messages / entries / individual symbols
press and hold (two seconds): to cancel the whole entry

STOP
stops procedures

START
press briefly: to start fax transmission or to copy a document
press and hold (two seconds): multiple copying of inserted document / rapid call-up of faxes

ALT
for special symbols press ALT-key and desired key simultaneously (e.g. **ALT** and Z for hyphen)

2 Installation

! Neither telephone nor fax will operate during power failure.

! Your fax machine was built for exclusive use in the country of purchase. It complies with the local network specifications.

Location

1 The fax machine must stand securely on a smooth, flat, horizontal surface (no soft surface such as carpets etc.).

2 Avoid exposure to direct sunlight (the ink film is heat-sensitive) and close proximity with heaters, radios and TV sets, air conditioning vents, dust, water and chemicals - is not advised.

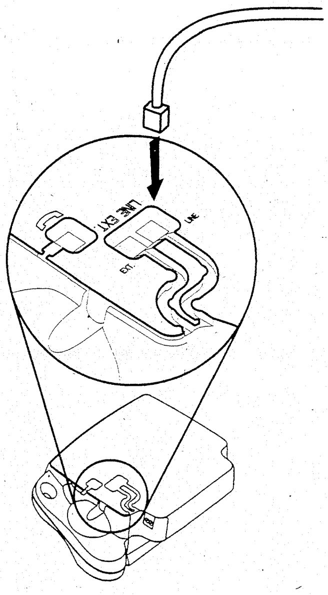
3 Avoid heat build-up by ensuring that the machine is not covered. Place the fax in such a way as to ensure free circulation of air around it.

4 If you would like to use a cordless phone, there should be a distance of at least 15 cm in between the fax machine and the base station, otherwise you may hear acoustic interference in your handset.

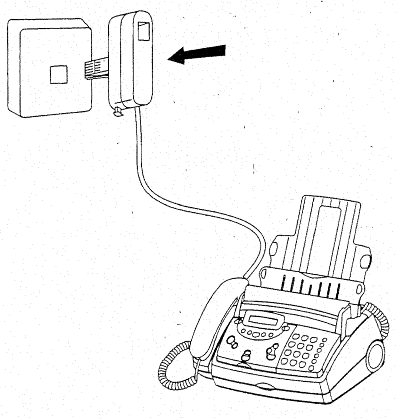
Connecting the fax machine

To the telephone socket

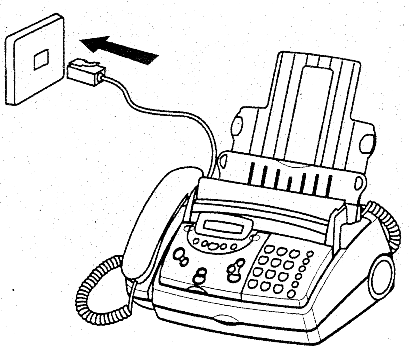
Connect the telephone cable to the fax machine by inserting it in the socket **on the bottom of the machine** identified with LINE. Insert the cable in the groove provided.



In the UK

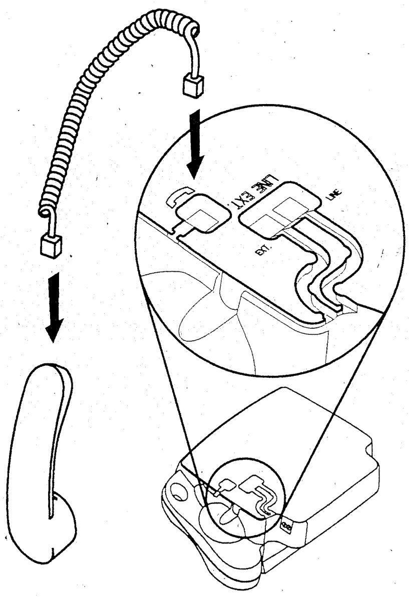


For all other countries



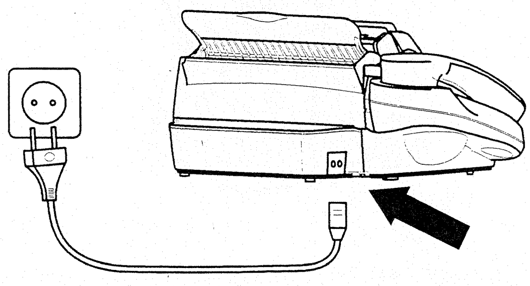
Handset to the fax machine

Insert one end of the spiral cable into the socket of the handset and the other end of the spiral cable into the socket identified with a handset symbol, **on the bottom of the machine**, and press it into the specially provided cable groove.



To the power supply

> ! Please note that the handset must be replaced before you connect the machine to the power supply.



1 Plug the power connector into the back of the fax machine. Plug the mains cable into the wall socket. The machine will carry out an internal test. Afterwards you need to enter the current time and date.

2 Use the dial pad to enter the correct time and date. Confirm with OK.

Replacing the ink film

You cannot receive or copy documents unless an ink film is loaded in the fax machine. For this reason an ink film for 50 pages has been inserted into your machine. The commercially available ink film has a capacity of approx. 260 pages.

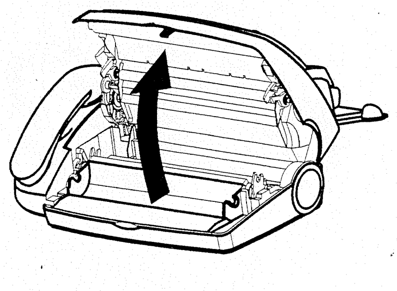
If the ink film is finished or if there is no ink film in the fax machine, the red display lamp flashes, and the following message appears:

```
REFILL INKFILM
```

1 Before loading a new ink film you must remove the paper from the paper feed mechanism! Also follow the instructions on your ink film packaging!

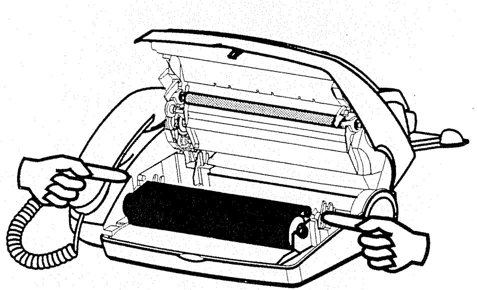
2 To obtain optimum quality, please use only ink films as specified on your original roll. For safety reasons, do not use any other brands because they can damage your fax machine.

3 Open the machine by carefully lifting the operation panel at the recess in the middle.

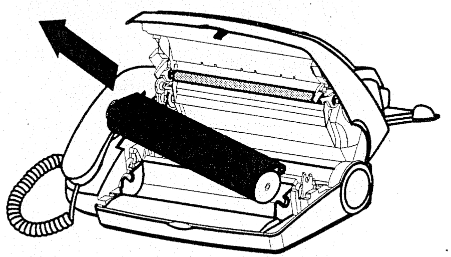


Removing the old ink film

1 Lift the rear ink film roll holding both sides with your index fingers upwards, in order to remove it out of its seat and place it next to the front ink film roll.

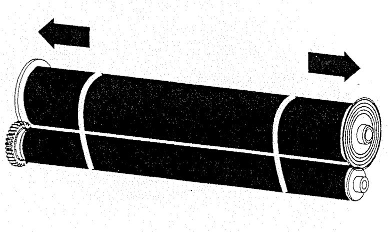


2 Remove both ink film rolls. They cannot be reused. Dispose of the ink film rolls with normal waste. Load a new ink film, because your fax machine cannot work correctly without it.

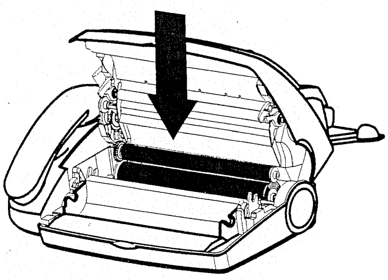


Loading the new ink film

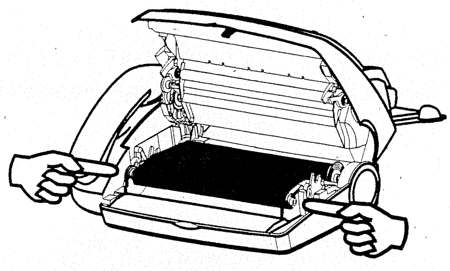
1 Carefully remove the rubber rings from the new ink film. Take care not to damage the ink film.



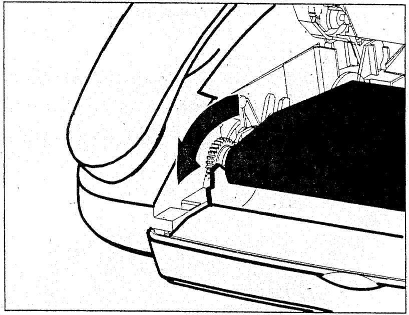
2 Lay the large roll in the grooves provided in the rear ink film compartment.



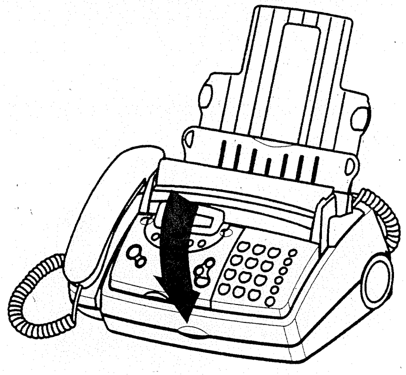
3 Now take the small roll and lay it in the front ink film compartment. Please make sure that the smaller roller is inserted into the side identations.



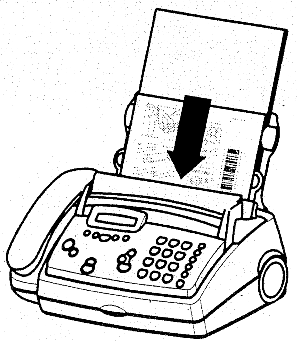
4 Turn small roll forward to tension the ink film. Make sure that the ink film is not creased.



5 Close the machine by swinging the operation panel forward, until it snaps in.



6 Insert the yellow sheet with the printed side upwards and press START/COPY.



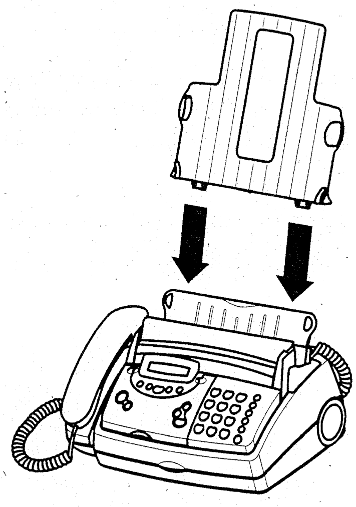
A silver strip is fixed to the start of the ink film, so the quality of the first few pages may be impaired.

Loading paper

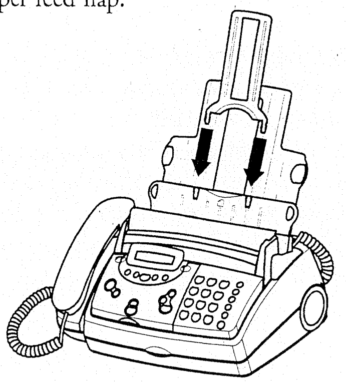
Before you can copy documents, paper must be loaded in your fax machine. Please use only the following paper format: standard A4, 210 x 297 mm. The fax machine works with normal paper used for writing and copying and has been optimised for smooth 80g/m^2 papier. The smoother the paper surface the better the print quality. If there is no paper in the fax machine the red display lamp flashes and on the display appears:

`OUT OF PAPER`

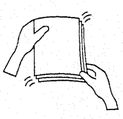
1 Insert the paper tray in the slots provided behind the paper feed mechanism.

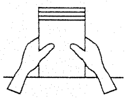


2 Stick the paper support insertion in the openings provided on the paper feed flap.

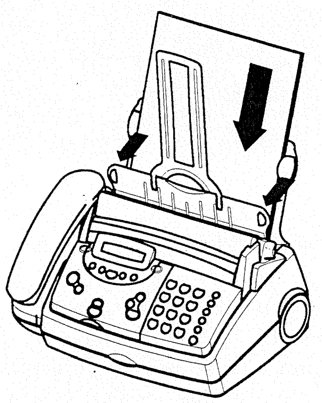


3 To prevent several sheets being drawn into the machine at once, first fan out the paper to separate the sheets and then straighten the stack on a flat surface before inserting it into the paper feed.

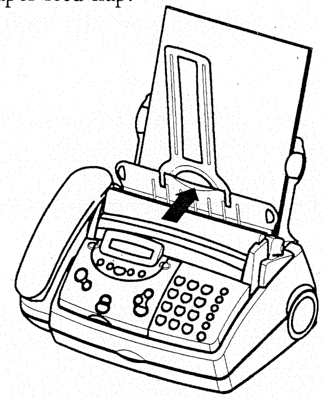




4 Pull the paper feed flap fully forward until it stops. Insert several sheets of A4 paper (80 g) up to the end-stop in the paper feed mechanism (max. 50 sheets).



5 Close the paper feed flap.

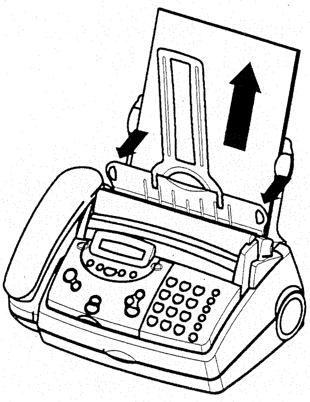


! Never load paper while the fax machine is printing! Do not use paper that has already been printed on one side! This could lead to a paper jam.

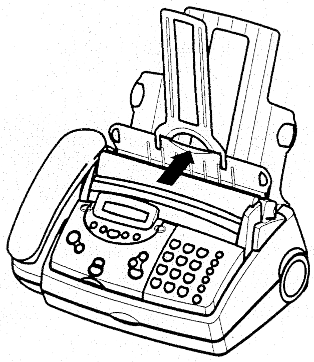
Removing paper

1 Pull the paper feed flap forward.

2 Pull the paper out.

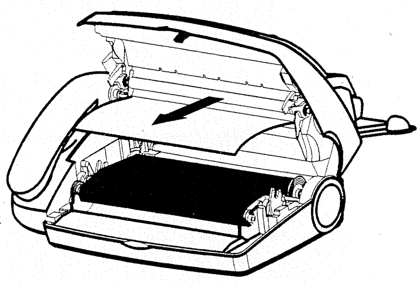


3 Close the paper feed flap.



Paper jam

Open the operation panel. Pull the paper carefully outwards from the inside. Before closing the panel the ink film roll must be tensioned by turning the front ink film roll forwards.



! Do not pull the paper out from the top of the machine because doing so can tear the paper and disrupt the functionality of the fax machine.

Easy Install

Using **EASY INSTALL** your fax machine will be configured according to your local conditions.

1. Press **HELP/INSTALL** for at least two seconds. Your fax machine will print one page with the header EASY INSTALL. Pull out the page firmly.
2. Your fax machine will then guide you on the display through the first settings such as your telephone number and your name.

Connecting additional devices

In addition to your fax machine, you can also connect other devices, such as **additional telephones, call-fee indicators, answering machines** or **modems** to a single telephone line [for UK: As long as the Ringer Equivalent Number (REN value) on the line doesn't exceed 4. The REN value of this fax is 1].

To the same socket

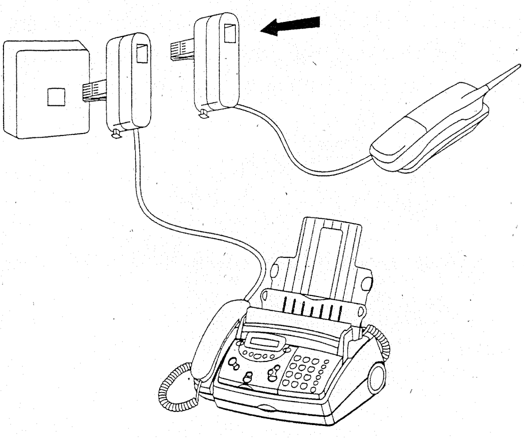
(not in all countries)

You can connect additional devices to the same telephone plug.

Make sure that the fax machine is the first device connected to the line.

a) Connecting to the telephone socket
b) Connecting the handset to the fax machine
c) Connecting additional devices to the telephone plug

Connecting additional devices to the same socket ensures you the optimal functionality of your active fax switch (e.g. call transfer). Your fax machine can control the additional devices.

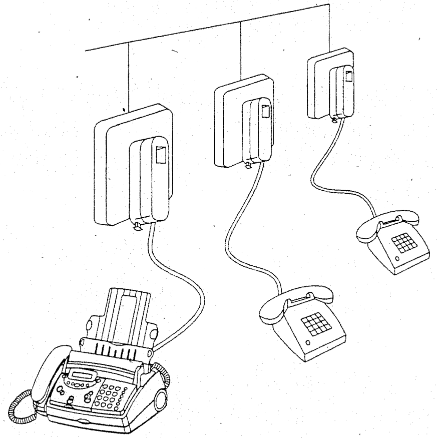


To separate sockets

(not in all countries)

You can connect additional devices to separate sockets on the same line even if they are in different rooms. Make sure that the fax machine is the first device connected.

Please note: If you connect additional devices to separate sockets (e.g. in separate rooms) your active fax switch cannot control them (which means that your fax machine behaves like any ordinary fax machine). For this reason e.g. call transfer is not possible. Therefore we recommend you to connect your additional devices to the same socket.



If you intend using special auxiliary devices with your fax machine, please contact your dealer.

If you wish to receive faxes via modem, you must set your fax machine to `FAX: MANUAL`.

Connecting to ISDN

Your fax machine is not an ISDN fax (group 4), but an analogue fax machine (group 3). Therefore it cannot be used directly on an ISDN connection. You will need an (analogue) adapter or an ISDN connection for analogue devices. For further information please refer to your ISDN instructions.

Connecting to a private branch exchange (PABX)

Private branch exchange systems are very common in large companies. ISDN connections are private branch exchanges and are used very often in private households. To get a connection from a private branch exchange to the public network you have to dial a key to obtain the outside line.

An additional telephone which is connected to a normal telephone line together with your fax machine must not be mixed up with a private branch exchange.

If you wish to use your fax machine on a PABX you have to change some settings in function 15.

Private branch exchange - Line type

In the UK you can select with function 15 the connection to a private branch exchange.

In all other countries it is also possible to select the telephoneline type with this function. Press MENU ①⑤, then OK , select with ◄/► and confirm with OK. Continue with point **2.**

1 Select **function** 15 by pressing MENU and then entering the digits ①⑤. Press OK.

2 You can switch on the PABX operation using ◄/►. Press OK.

```
PABX:          NO
```

```
PABX:         YES
```

3 Now enter the key that has to be pressed to obtain an outside line (this outside line access code must be obtained from the manufacturer). This is either ⓪, **R** (in some systems also described as FLASH) or a number key. Press OK.

4 Press OK. Your machine will then check that the outside line can be obtained.

5 ... if the check is successful, briefly appears:

```
CHECK OK
```

6 ... if the check is unsuccessful, briefly appears:

```
CHECK NOT OK
```

7 You will be asked to repeat the entry. Check the key for obtaining an outside line. However, if you have chosen the correct key and on the display still appears the message

```
CHECK NOT OK
```

delete the key for obtaining the outside line by pressing CLEAR.

In case your PABX requires **R** to obtain an outside line but it is still not possible to get through to the line, your system might not be according to the regulations. Therefore some technical settings have to be changed on your fax machine. Please refer to your "Fax Call Centre".

3 Basic functions

! If you press a wrong key by mistake, press the STOP key as often as necessary to return to the original position.

If you want to keep a note of the factory settings on your machine for later, we recommend printing out a function list before you change any of the settings (press MENU three times).

If you want to delete your individual settings, you can do so in function 45 Service code (see chapter **Hints and Tips** / Service code).

"Your name" and "your telephone number" are transmitted at the top of each page (the first 4 mm) together with the date, time and page number.

HELP function

1. Press HELP/INSTALL twice. You will receive a printout explaining how to use the most important functions. It also specifies how to obtain further HELP pages concerning other features of your fax machine.

Time and date

1. Select **function** 12 by pressing MENU and numbers ① and ②.
2. Press OK.
3. Enter the correct time using the number keys (e. g. ⓪⑨①⑤ for 9:15). Your fax machine will now ask you for the correct date (e. g. ①⑤⓪⑤⓪⓪ for May 15, 2000).
4. Press OK.

Entering your number

Use ⌗ or ⊛ to enter the "+", that is often used in international fax numbers in front of the country code, and ► to enter a space.
The maximum number of digits you can use for your number is 20.

1. Select **function** 13 by pressing MENU and numbers ① and ③.
2. Press OK.
3. Enter your telephone or fax number (Country codes: UK +44, Ireland +353, Hong Kong +852, Singapore +65).
4. Press OK. Your number is now stored.

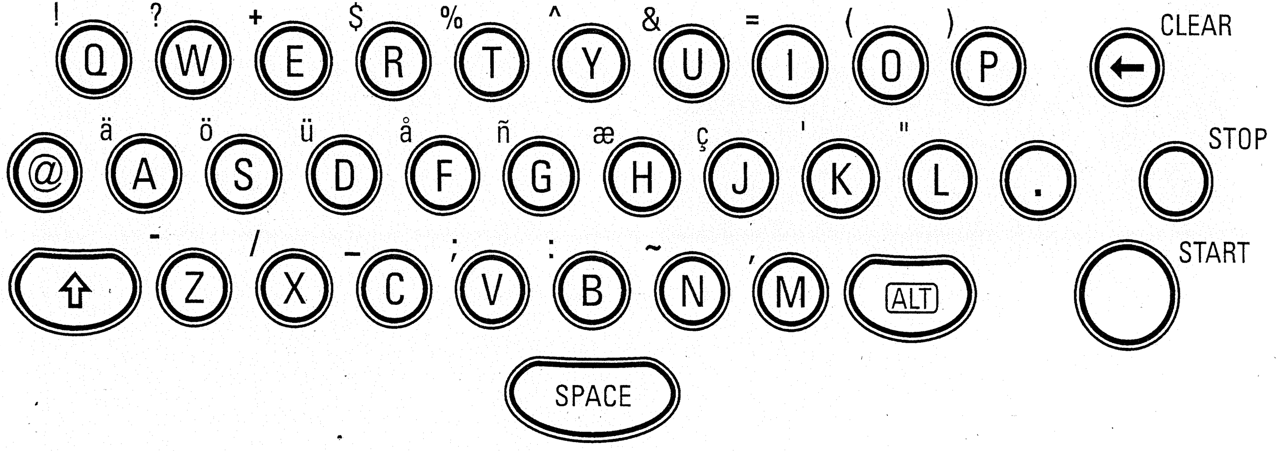
Entering your name

1. Select **function** 14 by pressing MENU and numbers ① and ④.
2. Press OK.
3. Open the flap on top of the fax machine and enter your name by using the keyboard (see below).
4. Confirm with OK. Your name is now stored.

Correction

If you have entered a wrong letter or number in function 13 or 14 you can correct the mistake during the entering as well as later. If you want to make your corrections later you have to select the functions for entering numbers or names once again.

1. Position the cursor on the right side of the character you want to change with ◄/►. Press CLEAR to delete the character. A long press on CLEAR will delete the whole line.
2. Now enter the correct characters by using the keyboard. Confirm with OK.



Language of display

1 For selecting the language of the display and the reports, press MENU and numbers ① and ① and press OK.

2 Select the desired language with ◄/► and confirm with OK.

Type of ring signal

You can choose between ten different ring signals.

1 Enter **function** 44. Press MENU and numbers ④ and ④ and then OK.

2 Select the desired ring signal with ⓪ to ⑨.

3 Confirm your setting with OK.

Volume of the ring signal

You can adjust the volume of the ring signal if the fax machine is in stand-by mode or if it is just ringing. Please note that different volumes can be set in ☼ and ☾ mode (see **Fax switch**).

1 By pressing ◄/► the display shows the current setting for about three seconds.

2 Change the volume by pressing ◄/► until the desired volume is achieved.

Volume of the loudspeaker

1 You can adjust the volume of the loudspeaker at any time by pressing DIAL (without built-in answering machine) or 🔈 (with built-in answering machine).

2 By pressing ◄/► the display shows the current setting. If you wish to adjust the displayed value, press ◄/► until the desired volume is achieved.

3 Finish your entry by pressing STOP.

4 Fax switch

The intelligent fax switch enables you to phone and fax from the same telephone connection and use additional devices. The fax switch separates fax and voice messages. For example, it can receive fax messages silently, i.e. without ringing to avoid causing a disturbance.

The operating modes ☼ and ☾ for day and night operation allow you to decide on different modes during the day and at night; how often the machine should ring prior to receipt of faxes or before the answering machine is turned on.

Example:

During daytime it is assumed that calls should ring. After a set time the fax reception is turned on and messages can be left on the (internal or external) answering machine. At night it is assumed that disturbances are minimised. Faxes are then received silently and calls ring more quietly.

You may change-over the operating mode between ☼ and ☾ of your fax machine automatically using the timer function ⏲. The integral clock ensures that your machine is changed over at 10 pm to ☾ and at 6 am to ☼. Of course you may adjust these times to suit your own requirements. The display allows you to check the current operating status. You change-over between ☼ and ☾ by briefly pressing ☼/☾ until the display shows the required symbol.

Setting the Mode ☼☾

with built-in answering machine

Display	Possible settings
`TAM RINGS:`	0, 1, 2, 3, 4, 5, 6, 7, 5/2
`FAX RINGS:`	0, 1, 2, 3, 4, 5, MANUAL RECEPTION
`RINGER VOL.:`	LOW, MEDIUM HIGH
`LISTEN-IN:`	ON, OFF

1 Select **function 31** (Day) by pressing MENU and numbers ③ and ①. Confirm with OK.

2 Select number of rings with ◄/► before your answering device will be activated.

`TAM RINGS:    5/2`

3 Confirm your entry with OK.

4 Now enter the number of ringing signals, after which the automatic fax-switch should accept the call and separate faxes from voice messages. Although the caller will continue to hear slightly different ringing tones after this time, charges will already accrue.

`FAX RINGS:      5`

5 Confirm your entry with OK.

6 Using ◄/►, determine the ringer volume when receiving a call. Press OK.

`RINGER VOL.:HIGH`

7 Select with ◄/► if the caller should be heard while leaving a message.

`LISTEN-IN:     ON`

8 Confirm with OK. To activate mode ☾ select MENU ③② (Night) and repeat steps 2 to 7.

without built-in answering machine

Display	Possible settings
`TOTAL RINGS:`	0, 1, 2, 3, 4, 5, 6, 7 ,
`FAX RINGS:`	0, 1, 2, 3, 4, 5, MANUAL RECEPTION
`RINGER VOL.:`	LOW, MEDIUM HIGH

1 Select **function 31** (Day) by pressing MENU and numbers ③ and ①. Confirm with OK.

2 Using ◄/►, set the total number of rings before the fax reception commences.

`TOTAL RINGS:   5`

3 Confirm your entry with OK.

4 Now enter the number of ringing signals after which the fax-switch should accept the call and separate faxes from voice messages. Although the caller will continue to hear slightly different ringing tones after this time, charges will already accrue.

`FAX RINGS:      5`

5 Confirm your entry with OK.

6 Using ◄/►, determine the ringer volume when receiving a call. Press OK.

`RINGER VOL.:HIGH`

7 Confirm with OK. To activate mode ☾ select MENU③② (Night) and repeat steps 2 to 6.

If you cannot receive any faxes, you may have set both ringing signal numbers too high (see points 2 and 4). Set both ringing signal numbers to values lower than five.

If you are using other devices apart from the fax machine (telephones, answering machines), which are not connected by serial links (see Glossary), the ringing pattern may change as follows: Other devices ring as often as set under `FAX RINGS:`. Your fax will ring as often as set under `TAM RINGS:` or `TOTAL RINGS:`.

Special settings

Silent fax reception

`FAX RINGS:        0`

To receive faxes without any ring signals, set the amount of ring signals in `FAX RINGS:` to `0`.

Completely silent operation

You should use this option only **with devices with integral answering machines**. If, for example, you do not wish to be disturbed by calls or faxes arriving at night, you may set the number of ringing signals to 0. Faxes are then received silently and calls are immediately answered by the answering machine, provided you have switched the answering machine on.
For devices without integral answering machine the fax-switch is turned off, i.e. your device immediately switches over to fax reception and will not ring, when calls are received (the caller hears a whistling tone).

ATTENTION: For this reason calls cannot be recorded by any external answering machine which may be connected.

Manual fax reception

`FAX:        MANUAL`

If you select `FAX:        MANUAL`, then faxes are only automatically printed out by your fax machine, if you activate the fax reception by pressing START. This may be sensible for example, if you wish to receive your faxes by modem at your computer.

Economy operating mode - answering machine *)

`TAM RINGS:     5/2`

If you select option `5/2` at `TAM RINGS:`, then your answering machine will start after two ringing signals instead of after five, when you receive messages. Via the remote access function you have the opportunity to check, whether your answering machine holds any messages without incurring telephone costs (if your answering machine turns itself on after only two ringing signals you will know, that new messages have been left). After listening to your new messages your answering machine will, at the next call, switch itself on again after five ringing signals.

Mode ◷

The default operating mode set in the factory is ☼. You may also select operating mode ◷. In mode ◷ your machine switches automatically between ☼ and ☾. The factory setting provides that your machine switches at 10 pm to ☾ and at 6 am back to ☼.

◷ activating/deactivating

1 If you want to switch on function ◷, press ☼☾ for two seconds, until you hear a confirmation tone and ◷ appears on the display.

2 If you want to switch off function ◷, press ☼☾ for two seconds, until you hear a confirmation tone and ◷ disappears. On the display appears ☼ or ☾.

◷ configuring/checking

1 Select **function** 33 by pressing MENU and numbers ③ and ③. Press OK.

2 Enter the time at which you want your fax machine to switch automatically to ☼ and confirm with OK.

3 Enter the time at which you want your fax machine to switch automatically to ☾. To confirm your settings press OK.

EASYLINK

Setting additional devices

The three codes below will help you, when you receive a call on an additional telephone and wish to transfer a call or fax to your fax machine.

1 Code for starting your fax machine from another telephone: ⊛⑤

2 **Serial connection** (see Glossary): Code for transferring a call from another telephone connected serial to your fax machine: ⊛⓪

Please note that when using this code you have to replace the handset of your additional device after you have entered the code. See chapter **Telephone** / Call transfer.

3 **Parallel connection** (see Glossary): Code for turning off the answering message, if the answering machine is switched on: ⊛⊛ **For fax machines without built-in answering machine** this code is used to switch off the fax machine.

---

*) only with built-in answering machine

To be able to use this function you must set your additional or cordless telephone to tone dialling. If your telephone service is not compatible with this dialling method and requires pulse dialling, you must temporarily set your additional device to transmit tone dial signals. Please refer to the operating instructions of your additional device to find out how to make this temporary adjustment.

! Only change the specified EASYLINK codes if absolutely necessary!

If you need to change the pre-set codes, select MENU ③④ and press **OK**. Enter a two digit code. The first digit should be the sign ⊛ or (#). Confirm with **OK**. Execute this procedure for each of the three codes.

Please note that the three EASYLINK codes must be different. Otherwise on the display appears:

`CODE NOT OK`

External answering machine

Connect the answering machine as described in chapter **Installation** / Connecting additional devices.
To provide for the optimum performance of an external answering machine, set this device to ring once or twice. To avoid the automatic acceptance of calls by the fax-switch, you must set `FAX RINGS:` and `TOTAL RINGS:` to a value at least two ringing signals higher than the setting of the external answering machine.
If you switch off the external answering machine, calls are accepted by the fax-switch (see sub-heading Setting the operating mode ☼ ☾ /without built-in answering machine)

Setting example:

ANSWERING MACHINE RINGS	2
`FAX RINGS:`	4
`TOTAL RINGS:`	4

Tips:

1 The answering message of your answering machine should be shorter than 10 secs.

2 Please avoid music in your answering message.

3 If your fax machine is unable to recognise older fax machine models, which do not transmit those signals that are commonly used in today's technology, you should advise your callers in your answering message to press ⊛ and ⑤ followed by START to commence the fax reception.

4 If the automatic fax reception is impossible, press **START** to manually begin receiving the fax.

5 If your answering machine provides an "economy function" (e.g. a function which changes the number of ringing signals as soon as a message was recorded), you should preferably switch this function off.

6 It is possible that the answering machine not only counts the messages received, but also the number of fax calls.

7 Please ensure that the code for starting the fax reception from other telephones (factory setting ⊛ and ⑤) is not the same as for remote access to recorded messages. Where necessary the code for function 34 may be changed (see sub-heading EASYLINK).

8 If your answering machine accepts the call but your fax machine does not stop ringing, try and install your answering machine by serial connection, for example by connecting it to the same telephone socket or to the EXT. port of your fax machine (see chapter **Installation** / Connection of additional devices).

9 If your answering m/c cannot accept calls, your fax machine will automatically start to receive faxes after the no. of ringing signals set in `TOTAL RINGS:` has been received.

10 If your external answering machine records fax signals, but your fax machine cannot receive any faxes, check the connection of your external answering machine. Connect the external answering machine to the same telephone socket or to the EXT. port of your fax machine (see chapter **Installation** / Connection of additional devices).

If you enter a wrong digit, delete it by using CLEAR. Then lift the handset.

The **R** key allows you to use various services offered by the telephone service provider (call waiting, toggling calls, etc.). Contact your telephone service provider for more information.

Please note that you cannot dial a "+" for the international prefix.

If you have not connected your fax machine to the mains, it will not function at all—even for making telephone calls.

Making a call

1 Dial the desired number.

2 Lift the handset. If you want to dial with the handset replaced press DIAL/🔈. As soon as the other party answers, lift the handset and speak.

You can also first lift the handset and then dial the number.

Redial

With →→ you can redial the last five numbers or e-mail addresses you have dialled previously.

1 Press →→.

2 Press ◄/► until desired number or e-mail address appears on the display. If you want to edit the number or e-mail address press OK and make the desired changes.

3 Lift the handset or press DIAL/🔈 to dial.

Delete stored numbers

With CLEAR you can delete the numbers or e-mail addresses you do not need anymore from the redial memory.

1 Briefly press CLEAR.

2 Choose with ◄/► whether to delete only the last number displayed or all five numbers.

3 Press OK to execute the cancel command.

Short dial 📖 0-9

There are short dialling keys available, which you can use to store numbers or e-mail addresses you dial frequently.

Storing numbers

1 Press 📖 **0-9** for two seconds.

2 Choose a number between ⓪ and ⑨.

3 Open the flap on the operation panel and enter a name using the e-mail keyboard. Press OK.

4 Enter the telephone number or e-mail address you wish to store and confirm with OK.

Using short dial

1 Press 📖 **0-9** and choose a number between ⓪ and ⑨. The stored name or telephone number or e-mail address appears on the display. In order to edit the number or the e-mail address press OK and make the desired changes.

2 Lift the handset. In case you want to send a fax message, press START.

Correcting entries

1 Press 📖 **0-9** and select an entry by using the number keys.

2 Press 📖 **0-9** for two seconds. Select wrong character with ◄/►.

3 Press CLEAR to delete wrong character.

4 Enter desired character and confirm with OK.

Deleting entries

1 Press 📖 **0-9** and then a key between ⓪ and ⑨. The stored name or telephone number appears on the display.

2 Press CLEAR. Select with ◄/► whether to actually delete entry.

3 Press OK to delete entry.

Telephone book 📖 A-Z

The telephone book function on your fax machine has a capacity for about 200 numbers and names. The exact figure depends on the length of each entry. You can also store numbers during a telephone conversation.

Storing numbers

1 Press 📖 **A-Z** for two seconds.

2 Open the flap on the operation panel and enter a name using the e-mail keyboard. Then press OK.

3 Enter a telephone number or e-mail address and confirm with OK.

Using the telephone book

1 Press 🕮 A-Z.

2 Select with ◄/►. The stored name or telephone number or e-mail address appears on the display.

3 Pick up the handset. In case you want to send a fax message, press START.

Correcting entries

1 Press 🕮 A-Z and select the entry you want to edit with ◄/► (see above).

2 Press 🕮 A-Z for two seconds. Select wrong character with ◄/►.

3 Press CLEAR to delete wrong character.

4 Enter correct character and confirm with OK.

Deleting entries

1 Press 🕮 A-Z and select entry you want to delete with ◄/►.

2 Press CLEAR. Select with ◄/► whether to actually delete entry.

3 Confirm with OK to delete entry.

Editing stored numbers may be particularly relevant when, for example, the number of a net operator should be stored as pre-fix code.

List of telephone numbers

1 Choose function 42 to print a list of your stored Short dial and Telephone book numbers. Press MENU ④ ②.

2 Press OK. Your fax machine will then print out the list.

Call transfer

You can transfer an existing phone call from your fax machine to an additional telephone and vice versa. This description only refers to telephones connected serial (see Glossary).

From fax machine to an additional telephone

1 Press ☏/✆ during the phone call and replace the handset.

2 Your other telephone will ring for about 30 seconds. If the handset is not lifted in time, the fax machine takes over the call again and rings for about 20 seconds. If you do not lift the handset in time the call will be disconnected.

From an additional telephone to the fax machine

1 Press ⊛ and ⓪ during the phone call. If the connection is established successfully, you will hear a tone. Replace the handset of the additional telephone within three seconds.

2 Your fax machine will ring for about 30 seconds. If the handset is not lifted in time, the additional device takes over the call again and rings for about 20 seconds. If you do not lift the handset in time the call will be disconnected.

Hands-free operation

(only with built-in answering device)

You can make a call without using the handset or let persons in the same room participate at the conversation. Therefore press 🔈 after having dialled or during the call. Replace the handset. The microphone and the loudspeaker are being activated.

Mute

You can mute the microphone of the handset so that the other party cannot hear you any more.

1 Press ☏/✆. You will still hear the person on the other end of the line at reduced volume.

2 If you want to continue your conversation, press ☏/✆ again.

Calling line identification

(not available in all countries)

Your fax machine is capable of showing the caller's telephone number before you lift the handset. To have this feature at your disposal you must subscribe to it via your telephone service provider. The use of this feature is subject to network selection.

1 The telephone numbers of the last ten received calls are stored.

2 To call up the caller's list keep →→ pressed for two seconds.

3 Using ◄/► you can now step through the entries. The new entries are marked with an „*".

4 To call back the displayed number just lift the handset. Your fax machine starts dialling.

5 To delete an entry press CLEAR. Choose with ◄/► and confirm deletion by pressing OK.

If you set `FAX RINGS:` with MENU ③① or ③② to `0`, then the telephone number cannot be displayed on your external telephones.

The following points are the most common causes of errors when sending faxes! Don't send

... pages from newspapers (printer's ink).

... stapled pages or pages held together with paper-clips. Remove all staples and clips before sending.

... creased or torn pages.

... wet pages or pages with corrections made with correction fluid; dirty pages or pages with a glossy or laminated surface.

... pages joined with sticky tape or glue, with adhesive stickers such as "post-it®" notes, or pages which are too thin or too thick.

... pages written in faint pencil, crayon, chalk or artist's charcoal.

Documents smaller than A5 risk getting stuck in the machine.

Write clearly and legibly. Only use pens with dark ink (black/dark-blue, not yellow/orange/light green).

Documents printed on your fax machine are visible on the used up ink film. In case of confidential texts the ink film should be destroyed after usage.

Feeding documents in

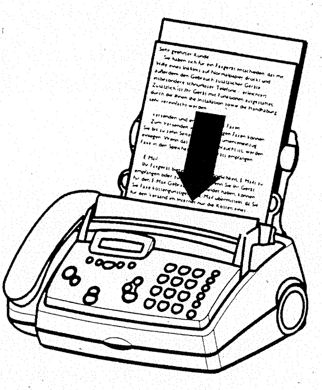
1 To avoid more than one page being fed at the same time, first fan out the stack and then straighten it on a smooth surface.

2 Insert your documents (max. 10 sheets) loosely **with the printed side up** into the document feed slot. In case a document jam occurs, remove the scanner from the device and remove the document.

Sending faxes

1 Dial the number you require.

2 Insert your documents face up into the document feed slot (max. ten pages).



3 If you want to select a higher resolution, press FINE/PHOTO.

4 Press START. Transmission now begins. In case the connection is not successful your fax machine will redial later.

5 If you want to interrupt transmission, press STOP.

Broadcast

This feature is very useful, in case you want to send the same document to more than one party (Circular send).

1 Insert the document face up into the document feed slot. If you want to select a higher resolution, press FINE/PHOTO.

2 Select MENU ②⑤. Press OK. The inserted document will be stored into the memory.

3 Enter the first telephone number or e-mail address and press OK. This will be your first entry in the recipient list. Repeat the procedure until you have entered data for max. five recipients.

4 To send the document press START. The document will be sent successively to every party entered. If transmission to one of the recipients is not possible your fax machine will continue transmission according to the list and retry transmission to the party missed. After transmission a transmission report will be printed out automatically.

Image quality

If you want to improve the image quality you can choose between the options FINE ▤ (for small print or fine drawings) and PHOTO ▣ (for photographs and pictures). Press FINE/PHOTO as often as needed until the pointer for the desired resolution lights up. Document transmission will take longer in the FINE/PHOTO operating mode. After transmitting or, if there is no document in the feed slot, after 40 seconds the fax machine will automatically return to standard resolution.

Transmission report—error report

Your fax machine can print a transmission report every time you have sent a document. This way you are given confirmation that your document has been received. If an error occurs during transmission you will be informed on the error report. The printing of a transmission report can be switched on and off while the error report is always printed.

1 Call up **function** 43. Press MENU ④ ③ and OK.

2 Select with ◄/► and confirm with OK.

Overseas function-Transmission

Your fax machine automatically adjusts its transmission speed to the quality of the telephone line. Especially in case of overseas transmissions this process can take more time. If the poor line quality is already known it is useful to set the machine at a slower speed from the very beginning using ◄/► in **function** 21. This will save time and charges the automatic adjustment would require.

1 Press MENU, ② ① and OK.

2 Select a slower speed with ◄/► and confirm with OK.

Size compression

To make sure that received faxes that are slightly longer than A4 size are printed on one page, these pages are slightly reduced vertically. If you do not wish to use this facility, you can switch off reduction using **function** 46.

1 Press MENU, ④ ⑥ and OK.

2 Select with ◄/► and confirm with OK.

Fax journal

The fax journal is a list of the last ten received and transmitted faxes.

1 Call up **function** 41 by pressing MENU, ④① and OK.

2 Select with ◄/► if, and when the fax journal will be printed out (immediately or after ten transmissions).

3 Confirm your choice with OK.

Polled reception

By means of this function documents which have been prepared for collection from another fax machine can be retrieved.

Quick polling

1 Dial the desired number with the handset replaced and press START for a longer time.

2 In case you want to enter a sub address or a code as well (check polling with code) enter the telephone number first and close with **R**. Attach desired sub address or code and press START for a longer time. (e. g. ①②③④⑤**R**①⑦).

Polling with code

If your correspondent has entered a code to protect the document to be retrieved please follow this procedure:

1 Select MENU ② ②. Press OK.

2 Enter the code and confirm with OK.

3 Enter the telephone number and press START. In case it does not work try to poll manually. Lift the handset, dial the required number and then press START.

Polling codes work in accordance with the ITU international standard. However, there are manufacturers who use other processes and whose machines are therefore not compatible.

If you want to send faxes to fax databases or if you want to poll from these, some databases have a sub-address which you can add to the telephone number. This will save you money in telephone charges. First enter the telephone number of the database and then press **R**. Then enter the required sub-address. If you are not sure whether your fax polling service supports sub-addresses, please contact your polling service operator.

Polling send

You can allow a document to be polled from your fax machine.

1 Insert the document in the document feed slot.

2 If you wish to protect the document from unauthorised access, enter a code with **function 23**. Press MENU, ② ③ and confirm with **OK**. The document can now be polled by a person in possession of this code. You can still make telephone calls while this function is activated.

3 The operation is interrupted as soon as you remove the document.

Send later

If you wish to make use of cheaper telephone rates, or if your fax correspondent is only available at particular times, you can program automatic transmission of a fax at a later time (within 24 hours).

1 Select **function 24** by pressing MENU ② ④ and **OK**.
Enter the time when you wish the document to be sent.

2 Press **OK** and insert the document.

3 Dial the desired telephone number and then press START or OK.

4 The fax machine is now ready to send the inserted document. You can still make telephone calls while this function is activated.

5 If you remove the inserted document the stand-by mode is cancelled.

Paperless fax reception

If there is no paper in the paper feed mechanism or if the ink film is finished, any incoming fax will be received into memory (storage capacity for devices without answering machines is approximately 25 pages, for devices with answering machines approximately 50 pages according to ITU-TS Test document). The symbol ▤ appears on the display to indicate that the memory contains documents. As soon as paper and/or ink film are loaded, the fax machine automatically prints out all documents in memory.

When a fax message has been fully printed, it is deleted automatically from memory. If the printing process is interrupted, all fax messages not printed completely remain in memory. If the memory is full, no more pages can be stored. The red display lamp flashes and on the display appears:

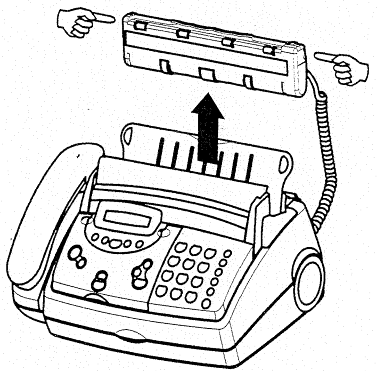
```
MEMORY FULL
```

Scanning

The detachable scanner allows you to copy or fax documents which cannot be fed into the fax machine due to their size or thickness (e.g. books, magazines). The scanned area can be printed out or sent as a fax message.

> ! Please do not touch the glass on the bottom of the scanner with your fingers to avoid fingerprints which might affect the scanning quality (see chapter Hints and Tips / Care and maintenance instructions).

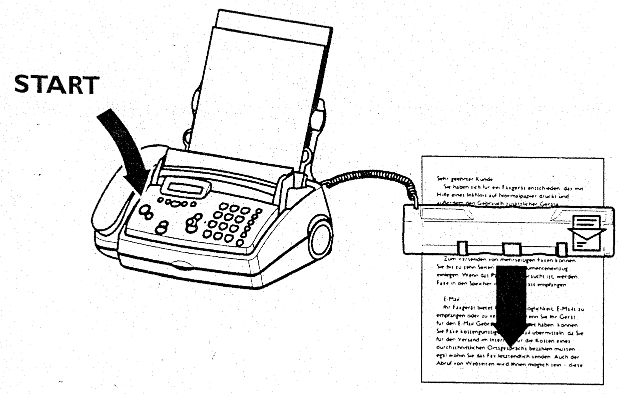
1 Detach the scanner from the fax machine by pulling it forward and then lifting it upwards on both sides.



2 If you want to improve the image quality, you can achieve this by pressing **FINE/PHOTO**. However, this will scan the document at a slower speed (see chapter **Fax** /Image quality).

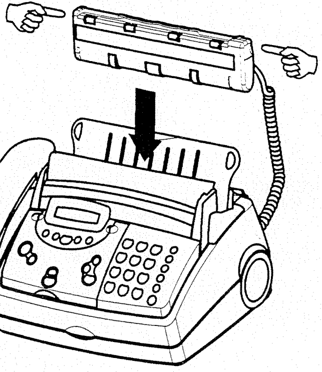
3 Press **START**. Whenever the machine is ready for scanning you will hear a confirmation tone.

4 Press the scanner slightly against the document. Slowly move the scanner over the document from top to bottom. The available memory capacity is being indicated on the display while scanning. The correct speed for moving the scanning device is indicated with short confirmation tones. If they appear too fast, you will hear a warning signal indicating that the scanning process of the document was not successful. Start the scanning again.



5 After the scanning process is completed the document will be printed if you press **START** or automatically after approximately four seconds. Documents larger than A4 will be split up into more than one page automatically.During the printing process printed information will be simultaneously erased from the memory. Press **STOP** or **CLEAR** to terminate printout.

6 Place the scanning device **face front** into the fax machine after use. Press both sides of the scanner down until you hear a definite click.

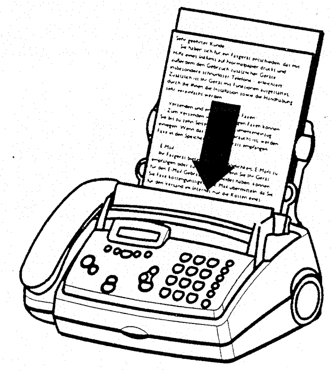


> The best copy quality will be achieved if you are copying with the scanner inserted (see chapter **Copying**).
>
> In case you scanner was not put in correctly the indicator lamp flashes and on the display appears
>
> `CHECK SCANNER`

Copying

You can use your fax machine to make copies of an original. You may also choose **PHOTO** ▣ and **FINE** ▦**F** resolution (see chapter **Fax** / Image quality).

1 Place your documents face up in the document feeder. The documents must rest against the document guide. To prevent several sheets being drawn into the machine at once, please straighten the documents to the same height before inserting them in the document feed (see chapter **Fax** / Feeding documents in). You can load up to ten pages at once.



2 Select the desired resolution with **FINE/PHOTO**. To make only one copy of the original, briefly press **START**. The copying process starts immediately.

In order to make more than one copy press **START/COPY** (for at least two seconds). The display will show the actual number of copies. If you want to change this figure enter the desired number with the number keys (max. 50). Press **START** or **OK**.

3 Choose whether to reduce or enlarge the document in size when copying. Your machine provides the following options:

```
ZOOM ENLARGE:200
```

```
ZOOM ENLARGE:150
```

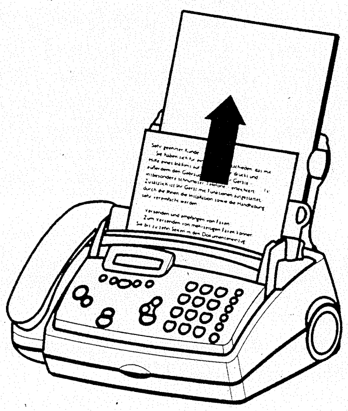
```
ZOOM REDUCE:  75
```

```
ZOOM REDUCE:  50
```

```
ZOOM NORMAL: 1:1
```

Select the desired option with ◄/► and confirm with **OK**. The machine stores the first page of the document into memory and starts copying. If desired number of copies has been achieved, the next page will be stored etc. Automatic sorting is therefore not an option!

4 The document that has been pulled through will come out on the top side of the fax machine.



5 To stop copying press **STOP**. The document and the copy will be ejected.

You can only enlarge or reduce documents with the scanner inserted.

In case a paper jam occurs or the ink film or the memory capacity is used up the copying process automatically stops.

If documents have jammed, first remove the scanner from the machine and then the document. Refit the scanner according to instructions.

Contrast

The factory default for this feature has been set to medium. With **function** 47 you can adjust the contrast quality (brightness) for documents you want to copy or send as a fax message, e.g. dark photos or forms with coloured background.

1 Press **MENU**, ④⑦ and **OK**.

2 With ◄/► you can choose between three different options:

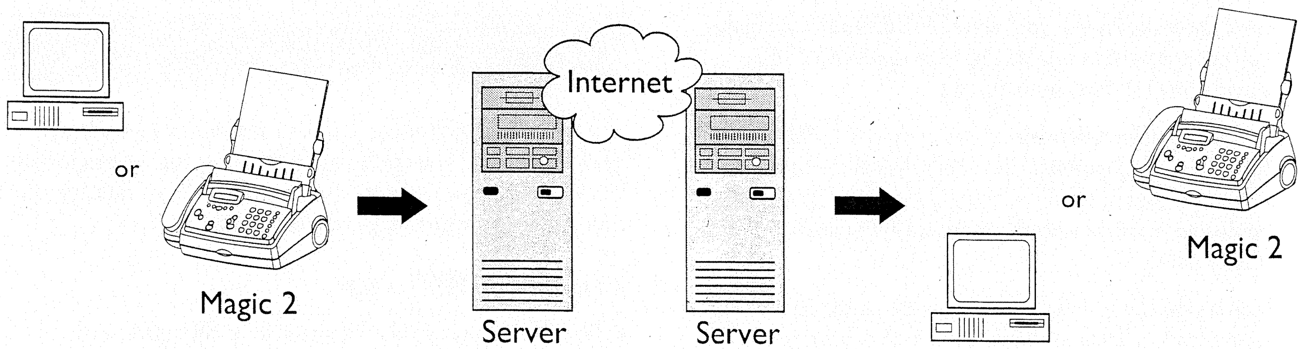
```
CONTRAST:     LOW
```

```
CONTRAST: MEDIUM
```

```
CONTRAST:    HIGH
```

3 Confirm your choice with **OK**.

8 E-mail



About sending faxes via e-mail

In order to use your fax machine for e-mail transmission via the Internet, you need a server. This service will be provided for set-up procedure check Internet account at bottom of page. The server connects your fax machine to the Internet. It receives your fax messages and converts them into an Internet compatible format and sends them to the Internet. Vice versa, messages sent to you via the Internet will be converted so that you can print them out as a fax message. In general, it is favorable to send a fax as an e-mail, just as it is to send a fax through the Internet.

E-mail options

- Send faxes via e-mail
- Send an SMS (Short Message Service) via e-mail
- Receive an e-mail as fax
- Local cost faxing via Internet
- Download Internet pages

Internet account set-up

You can set up the Internet access after you have faxed the required application form to your Internet fax provider, and he has transmitted a fax to you giving the necessary code.

1 Select MENU ①⑦ and confirm with OK.

2 Enter your provider number and confirm with OK.

3 Enter you authorisation number and confirm with OK. Now your fax machine contacts your server. If your data has been transmitted correctly, your Internet provider will send a confirmation stating that you now have Internet access. After an introductory phase you will be charged for Internet access by your provider.

To be able to use all your e-mail functions, your Internet account must have been set-up. If you select an Internet function without having set-up your Internet account, you will be requested to perform set-up. Select **function** 17 and go through set-up procedure.

After Internet account set-up procedure has been completed your fax machine automatically switches to fax reception, until your Internet provider has confirmed. During this time it is not possible to have regular telephone or fax function.

To check the settings on your Internet account, select **function** 17 again (confirm the settings with OK). Then you receive a printout showing the transmission time you have used for e-mail traffic.

Internet and e-mail addresses can be stored in the short dial and telephone book.

Prepaid card set-up

You can pay for Internet access by means of a prepaid card in case the e-mail function will be used occasionally.

1 Select MENU ①⑧. Press OK.

2 Enter the code given on your prepaid card. Press OK.

3 Your fax machine switches to fax reception until your Internet provider confirms.

If you do not enter a prepaid card number in function 18 you will receive a fax message stating your actual credit amount.

Fax transmission via e-mail

Your fax machine allows you to send fax messages as e-mails.

1 Insert document face up in the document feed-slot (max. ten pages).

`DIAL NUMBER`

2 Select MENU ②⑥. Press OK.

`ENTER ADDRESS`

3 Enter the recipients e-mail address using the e-mail keyboard, e. g. frank.burger@fax.com. Use the dial pad in case you want to enter numbers as well.

4 Confirm with OK. The fax will be sent automatically as an attachment to an e-mail.

`* EMAIL *`

Easy e-mail fax transmission

You can send e-mails without using function 26:

1 Insert the document in the document feed slot, enter the e-mail address and press START.

Short texts via e-mail

In order to send a text message instead of transmitting a document, enter the text using the e-mail keyboard (approx. 160 characters). This function is especially useful for mailing list (un)subscription.

1 Select MENU ②⑥ and press OK.

`ENTER ADDRESS`

2 Open the flap. Enter the recipients e-mail address using the e-mail keyboard. Use the dial pad in case you want to enter numbers as well. Press OK.

`ENTER TEXT`

3 Enter the desired text. Press OK. Your message will be sent.

`* EMAIL *`

Easy e-mail transmission

You can send e-mails without using function 26:

1 Enter the e-mail address and press START.

2 Enter text using the e-mail keyboard and press START.

Download Internet pages

In order to download Internet pages, enter the Internet address. The desired Internet page will be sent to your fax machine and printed out. Links to other web pages are only possible by entering the correct site address (e. g. www.philips.com).

1 Select MENU ②⑦. Press OK.

`ENTER ADDRESS`

2 Open the flap. Enter the desired Internet site address using the e-mail keyboard. Use the dial pad in case you want to enter numbers as well. Confirm with OK.

`* WEB PAGE *`

By entering "Index" and pressing OK, an overall view of those Internet pages already prepared for your fax machine will be displayed. It is not necessary to be aware of capitalisation when entering Internet or e-mail addresses.

E-mail reception

Incoming e-mails will be printed out like regular fax messages. This also includes documents attached to e-mail messages (*attachments*). If you do not want your e-mail messages printed out, you can switch off e-mail reception. Your e-mail messages will be stored with your fax server until you retrieve them.

1 Select MENU ②⑧. Press OK.

`RECEIVE MAIL:YES`

2 Select desired option with ◄/►. Press OK.

`RECEIVE MAIL:NO`

Possible mail formats: jpg, bmp, tif, txt, html, gif, pcx, pdf, doc, xls and ppt.

Turning off e-mail reception does not affect fax message print out.

Automatic reception of e-mails or Internet pages is barred, if you have set `FAX: MANUAL` with function 31 and 32. If you lift the receiver of your fax machine and hear a whistling tone or silence, press START.

Local cost faxing via Internet

This is useful for fax transmission to foreign countries. To do so you need to dial ⓪⓪, and the international telephone number of the recipient. Your fax machine contacts your fax server, which will automatically send your fax message at the lowest rate.

1 Insert the document face up into the document feed slot.

`DIAL NUMBER`

2 Dial the desired number using ⓪⓪ followed by the international country code (e. g. 0044 for UK, 00353 for Ireland, 00852 for Hong Kong and 0088 for Taiwan).

3 Press START.

`* INTERNET *`

If your fax machine cannot establish contact with your server right away, it will repeat the connecting procedure three times. If this is unsuccessful it will use regular fax transmission. Press **STOP** to interrupt procedure.

Automatic fax transmission via Internet

The factory settings do not provide for the automatic sending via the Internet. You can switch on this facility if you do not want your faxes sent automatically via the Internet by selecting `ACTIVATE: YES` with **function** 29.

1 Select MENU ②⑨. Confirm with OK.

`ACTIVATE: NO`

2 Select desired setting with ◄/►. Confirm your entry with OK.

Your fax server is not for use with a regular computer.

9 Answering machine

(only with built-in answering machine)

Your fax machine is equipped with a digital telephone answering machine. All recorded messages are stored in a solid-state electronic memory which has a recording capacity of up to 30 minutes. There is neither a magnetic tape nor a cassette.

Your answering machine is factory-programmed with a recorded outgoing message. If you want to record your own outgoing message, proceed as described under "Recording a message". Write down your messages before you record them.

Make sure that your fax machine stands on a hard, flat surface, because otherwise the microphone may be covered.

Switching on and off

Activate or deactivate your fax machine with **ON/OFF**. Activate mode is indicated with the symbol 📼 on the display.

Recording a message

1. Hold down **RECORD** for two seconds. Press **RECORD** again, until you hear a confirmation tone. Lift the handset and start to record your message.
2. A black bar indicates you how much memory is available for the outgoing message (max. 20 seconds).
3. Stop recording by pressing **RECORD** or **STOP**.
4. The new answering message is automatically replayed. By pressing ◄/► you can change the volume of the message.
5. To hear the message again, press **RECORD** for a while (two seconds) and then **PLAY**.

Duration of recording

1. Select **MENU** ⑤① and press **OK**.
2. Press ◄/► to choose between 30, 60, 120 seconds or the AUTO mode (unlimited recording time). Please note that AUTO mode is not available in all countries.
3. Confirm with **OK**.

Listening to messages

1. If **PLAY** flashes, messages have been recorded for you. Press **PLAY** to listen to the first message. The date and time the message was received will be shown on the display.
2. The next message will be replayed if you press **PLAY** while listening to any message. (If you want to switch to the first message, while listening to the other messages, press ①.
3. After listening to your messages **PLAY** will stay on until all messages have been erased.

Play back volume

1. Press ◄/► while playing back messages. The current volume setting will be displayed.
2. Press ◄/► to obtain the desired volume.

Deleting messages

Single messages

1. If you want to delete the message which is currently being played, press **CLEAR**.
2. You will be asked on the display if you really want to delete this message. Press **CLEAR** again.

All messages

1. Press **CLEAR** after having listened to all messages.
2. If you actually want to delete all messages, press **CLEAR** again. To interrupt the deleting process press **STOP**.

Forwarding messages

Your fax machine can automatically forward all incoming messages to another telephone number. Enter the telephone number to which you wish recorded calls to be forwarded. You can select the number of messages to be forwarded each time. Your fax machine will wait until the selected number of messages has been received and then calls the desired number automatically. A text announcing the call forwarding is transmitted when the connection is made. Then the party to which the calls are being forwarded needs to enter the **access code** (see function 52). If the correct access code is not entered within 40 seconds, your fax machine will disconnect the call.

1. In case your answering device is deactivated turn it on with **ON/OFF**. The symbol 📼 appears on the display.
2. Select **MENU** ⑤⑤ and press **OK**.

3 Choose with ◄/► and confirm with **OK**.

4 Enter the telephone number your messages should be forwarded to and press **OK**.

5 Choose with ◄/► the number of messages you want to be forwarded each time.

6 To record a new forwarding message, press **OK**.*

7 Press **RECORD**. Wait for the confirmation tone and start speaking. An example of an announcement might be: *"Hello, there are messages for Mrs. Berger; please enter the access code."* Position yourself about 20 cm from the fax machine. A black bar will indicate how much memory is available.

8 Press **STOP** when you have finished. The forwarding message will be played back.

9 The fax machine is now switched to stand-by mode.

* If a message has already been recorded

a Press **OK**.

b Select with ◄/►. If you wish to record a new forwarding message, select `YES`. If you want to use the existing message, select `NO`. Press **OK** to confirm.

`REC. MESSAGE:YES`

`REC. MESSAGE: NO`

c Follow the process described above from paragraph **7**.

Recording a conversation

You can record a telephone conversation with your fax machine.

1 Press **RECORD** during a telephone conversation.

2 To stop recording, replace handset or press **STOP**.

3 The recorded conversation can be played back and deleted like any recorded message.

You can not record a telephone conversation while hands-free operation is activated.

VIP code

Ringing despite answering device

Persons you had given this code, can make the telephone ring after the answering machine has taken the call. This is useful if both ring counts in function 31 and 32 have been set to `0`.

1 To enter the code select **MENU** ⑤③ and press **OK**. Enter a four digit code. Confirm with **OK**.

2 This code must not be identical with the access code (function 52).

Memo

External memo

With this function, you can record a message which the caller can hear without being able to leave a message in return. For this the answering machine must be switched on.

1 Select **MENU** ⑤④ and press **OK**. Choose the external memo mode by pressing ◄/►. Confirm with **OK**. (If you already have recorded a memo you want to use again, just press **OK** once more.)

2 Press **RECORD** and wait for the confirmation tone. Start to speak. Press **RECORD** or **STOP** when you are finished. The message will be played back.

Internal memo

You can record a personal message with this function. Messages can be heard on the fax machine itself or by remote control from a telephone. Briefly press **RECORD** twice and wait for the confirmation tone. Record the desired message. A black bar on the display indicates the remaining recording time. To end recording press **RECORD** or **STOP**. Internal memos can be played back and deleted like any other message.

Remote control

You can also control the answering machine functions on your fax from any telephone using tone dialling. Before you can use remote control you have to enter an access code in **function** 52 (this code will also be used for function 55 Forwarding).

Preparing your fax machine for remote access

1. Select MENU ⑤② and press **OK**.
2. Enter a four digit code.
3. Press **OK**. The code is now stored.

Remote access of the answering device

1. If you want to listen to the messages recorded from another telephone, call your fax machine and wait for the answering machine to play the message.
2. Enter the four-digit code. The outgoing message will be interrupted and you will hear a confirmation tone. The new messages will be played back. If no new messages have been recorded, you will hear a second confirmation tone.
3. Then you can enter commands as usual or terminate the remote control by replacing the handset.

Overview of commands

① The message you are just listening to will be repeated.

② Your messages will be played back.

③ Move to the next message.

④ Record a new outgoing message. If you press ④ again after two confirmation tones, you will hear a long confirmation tone. Record the new outgoing message and finish with ④.

⑤ The current outgoing message will be replayed.

⑥ The current message will be deleted. If you press ⑥ after having listened to all messages, all messages will be deleted. In both cases you will hear a confirmation tone after the first time you press the key. Press ⑥ again within five seconds to execute the deleting command.

⑦ Switch answering machine off.

⑧ The current command will be interrupted.

⑨ Switch answering machine on.

FUNCTIONS

① **Repeat current message**

② **Play**

③ **Skip forward**

④ **Record outgoing messages**

⑤ **Play outgoing message**

⑧ **STOP**

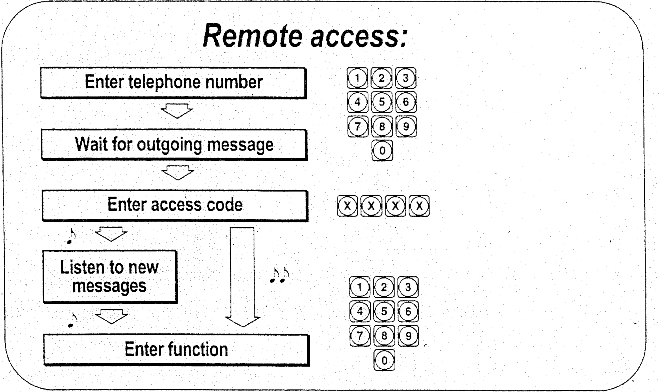
⑥ **Delete message:**

Current message
Press ⑥ ▶ ♪♪
Press ⑥ ▶ ♪, deleted

All messages
Press ⑥ ▶ ♪♪
Press ⑥ ▶ ♪, deleted

⑦ **Answering machine off:**
Press ⑦ ▶ ♪ , (Answering machine off)

⑨ **Answering machine on:**
Press ⑨ ▶ ♪ , (Answering machine on)



10 Hints & Tips

The following table contains an overview of the most frequent operating errors or problems and their possible causes and remedies. Before calling our service desk, please consult this table.

If you can not rectify a fault using the instructions provided, please do as follows:

1. Disconnect the mains.
2. Wait at least ten seconds and reconnect.
3. If the fault reoccurs, please contact your customer information center.

Error	Possible cause	Remedy
You or your fax correspondent receive blank pages.	Your fax correspondent sends the wrong (blank) side of a document.	Your fax correspondent must feed the document properly.
	The printer or scanner is faulty.	Test the fax machine by making a copy. If your copy is faultless the correspondent's fax machine might be defective. Call service if necessary.
Faxes are of poor quality.	The document contains photographs or small print.	Change the resolution setting to **FINE** or **PHOTO**.
	The document lacks contrast.	Check the document or set a higher contrast with function 47 (see chapter **Scanner** / Contrast).
	Your fax machine is faulty.	Test the fax machine by making a copy. If your copy is faultless the correspondent's fax machine might be defective. Call service if necessary.
Your fax or your recipient's fax machine produces black lines when printing.	There is paper in the sheet feeder.	Open the operation panel and remove the paper from the document feed slot.
	The scanner is dirty.	Clean the scanner with a cloth (see Care and maintenance instructions).
	Your fax machine is faulty.	Test the fax machine by making a copy. If your copy is faultless the correspondent's fax machine might be defective. Call service if necessary.
Your fax machine produces white lines when receiving or copying.	Thermal printhead is dirty.	Copy a black page several times until the lines disappear.
You can not send faxes.	Scanner not put in.	Please put in scanner (see chapter **Scanner**).
The device does not draw the document in during copying or sending.	Scanner has not clicked in.	Press both sides of the scanner down until you hear a definite click.

Error	Possible cause	Remedy
The scanned copy is printed out with white or black stripes.	The scanner was not placed correctly on the document.	Press the scanner firmly against the document or put the document on a flat surface.
The copy of the scanned document is mirror-inverted.	The scanner was moved in the wrong direction.	Move the scanner in the direction marked with an arrow across the document (symbol on the right side of the scanner).
TRANSM. ERROR Error report	The telephone connection is of poor quality.	Try again or send the fax at reduced speed (function 21).
	The recipient has a paper jam or has run out of paper.	Call your fax partner or try to transmit at a later stage.
NO CONNECTION or REDIAL FAILED	Your fax partner's line is busy, does not answer or a different device like an answering device answers.	Try later or draw your fax partner's attention to a possible installation fault.
NO LOOP CURRENT	Improper installation or plug-in of fax machine.	Check the installation of your fax machine.
NO DIALTONE	You are connected to a PABX system.	Check the settings in function 15.
	You have connected your telephone cable to the socket identified with EXT.	Connect your telephone cable to the socket on the bottom of your fax machine identified with LINE.
When you lift the receiver of your fax machine you do not hear the dial tone.	You have connected the telephone cable to the socket marked with EXT.	Plug the telephone cable into the socket marked with LINE on the base of the fax machine.
BUSY or fax transmissions are constantly interrupted	Your fax correspondent has a fax machine that cannot receive the usual standard identifying signals.	Try to send the fax manually: press **DIAL/🔈** and dial the fax number. You will hear the call being established. If the recipient is using an automatic answering device, wait until you hear a tone after the pre-recorded message. Press **START**.
You cannot receive any faxes.	You have set the number of rings too high for the answering machine or the total number of ringing signals for a device without answering machine.	Set the number of ringing signals for the answering machine or the total number of ringing signals with function 31 or 32 to lower than five.
You cannot phone or send faxes.	You are operating your fax machine on a private branch exchange and have not set it accordingly.	In function 15, select PABX: YES

Error	Possible cause	Remedy
`NO CONNECTION`	You no longer have a valid Internet connection, but the device still attempts to transmit international faxes via the Internet.	Switch the automatic fax despatch via the Internet off, using function 29.
When you receive a phone call, after the first ring your correspondent does not hear the usual ringback tone.	Your correspondent is being informed that the fax machine has taken the call already and that he has to pay charges. Your machine checks whether it is a phone or a fax correspondence.	In function 31 or 32 you can put the tollfree rings to a higher level under `FAX RINGS:` (see chapter **Fax switch** / Setting the operating mode).
Your fax machine rings once, then there is a moment of silence and another ring signal after that.	This process is perfectly normal!	You have just noticed how the automatic fax-switch operates. After the first ring signal the fax machine takes over the call. When the fax machine has recognised that the incoming call is a telephone correspondence, the fax machine will continue to ring.
You do not hear the dial tone when using your cordless telephone.	The connection of your cordless phone might be incorrect.	The connection of your cordless phone might be incorrect. Check whether the cordless phone was installed correctly (see chapter Installation / Connecting additional devices).
You cannot transfer calls from the additional phone to the fax machine.	Your auxiliary devices are not set to tone dialling.	For further information as to how you change your device to tone dialling see the instructions of your additional telephones. Otherwise you have not configured your external phones to be in serial with your fax unit (see chapter **Installation** / Connecting additional devices)
Your external answering machine records fax signals but your fax machine does not receive these fax messages.	You have not connected your external answering machine correctly.	Connect your answering machine as described in the chapter **Installation** / Connecting additional devices.
Copy is blank.	Document loaded the wrong way up. Printer or scanner faulty.	Load the document with the printed side up. Service.
On lifting the handset you hear a tone or silence.	The caller is trying to send a fax.	On the fax machine: press START. On the additional phone: press ⊛ and ⑤. Then replace the handset.

Error	Possible cause	Remedy
On lifting the handset of an additional telephone you hear in the background some brief tones or, depending on the device type, the activated outgoing message of your own built-in answering machine.	Your additional telephone is connected in parallel.	Press ⊛ twice to switch off the tones or the outgoing message. You can now make a call without interferences (see chapter **Fax switch**).
Received documents do not appear as normal at the front of the fax machine.	Paper jam.	Open the operation panel. Leave the paper refill flap closed. Pull the crumpled paper out carefully from inside.
Only for fax machines with built-in answering device: You have switched on your answering machine and cannot receive any faxes.	You use background music. Your outgoing message is too long.	Record a message without music. Record a shorter announcement (no longer than 20 seconds).
PAPER JAM	One sheet or more sheets of paper were not drawn in straight. Too many sheets inserted (more than 50 sheets).	Open the operation panel and pull the paper carefully outwards from the inside.
DOCUMENT JAM	One document was not drawn in straight or more documents were both drawn in at the same time.	Remove the scanner and pull the paper carefully outwards in one direction.
EXTERNAL PHONE	You are now using an additional telephone.	This is not a fault!
INKFILM LOW	Your ink film is nearly used up.	Get a new ink film.
PLS SETUP FIRST	You did not set-up your Internet account.	In order to use e-mail functions your Internet account must be set-up correctly (function 17).
Even though you interrupt e-mail reception, you still receive unwanted e-mails.	no error	All incomplete e-mail transmissions are stored by your server until e-mail transmission has been successful or 7 attempts to deliver have been made.
Faxes sent by you as e-mail cannot be opened at the computer.	Computererror.	Check whether your recipient has installed the respective standard software in the computer.
Despite your Internet access having been set up, your PABX cannot obtain a server connection.	PABX incorrectly set up.	The PABX must be set up again by the manufacturer.

Service code

! Only use this function when absolutely necessary. If you are satisfied with your changes to the factory settings you should not use this function.

Function 45 (Service code) is used to delete some or all of your changes to the factory settings. This function enables you to partially or fully reconfigure your device. It is especially helpful if you have modified settings but find that your fax machine does not respond as expected.

After deleting some or all of your custom settings please rerun EASYINSTALL.

The following codes are at your disposal:

Code No. 7117

This code erases all your modifications to the factory settings. The fax machine will therefore react in exactly the same way as on first installation.

Code No. 7140

When you enter this code, all your entered settings and data will be erased, except for:

- your personal outgoing message on your built-in answering machine
- received messages
- stored short dial numbers
- stored telephone book numbers
- your name
- your telephone number

Example for using a service code:

1 Select MENU ④⑤ and press **OK**. Enter the service code (7117 or 7140). Press **OK**.

2 With ◄/► you can select whether you really want to delete your settings. Confirm with **OK**. Your fax machine will be reset to its original configuration.

Care and maintenance instructions

The scanner glass and rollers of your fax machine should be cleaned of paper dust and scuff when necessary.

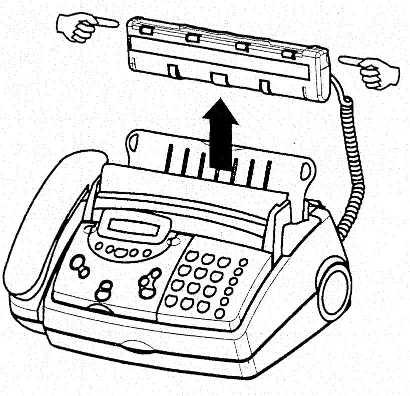
! Before opening the fax machine, make sure that you are electrically discharged by e.g. touching the metal housing of a grounded appliance, a water pipe or radiator.

! Use a soft, fluff-free cloth lightly moistened with a little alcohol (96%). You can also use a special cloth for cleaning fax machines, which is available on the market. Do not allow any moisture to penetrate inside the device.

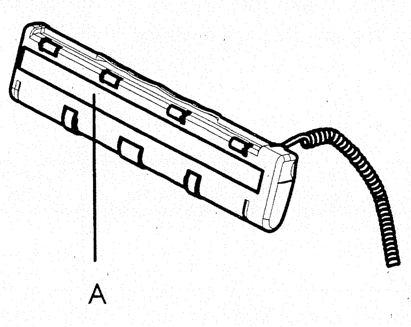
Fouling by copying or sending fax messages

Clean the scanner glass

1 Carefully remove the scanner by pulling it upwards on both sides.



2 Place the scanner in front of you with the scanning glass surface face up.



3 Gently wipe the glass surface with a soft cloth (A).

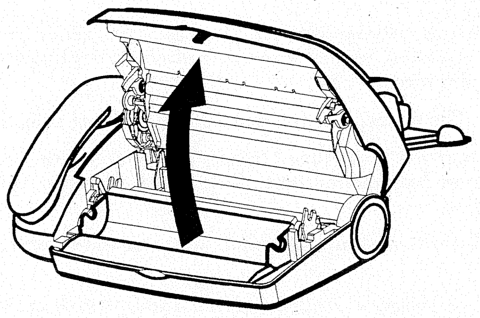
4 Before you re-install the scanner, also wipe the scanner compartment.

Fouling by received fax messages

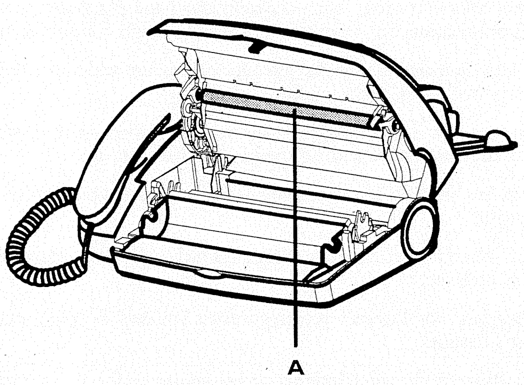
Clean printer roller

If the paper feed mechanism contains paper please remove it.

1 Open the operation panel by carefully lifting it upwards at the recess in the middle.



2 Using a cloth as described above, wipe the printer roller (A). To clean the entire roller turn the roller by hand.



3 When cleaning is complete close the operation panel.

! Do not use the fax cleaners available on the market which are drawn through the machine automatically. By doing so you can damage your fax machine!

11 Appendix

Technical data

Compatibility	ITU Group 3
Type of connection	outside line (PSTN) / extension (PABX)
Flash times	Singapore: outside line (PSTN): 600 ms extension (PABX): 600 ms other countries: outside line (PSTN): 100 ms extension (PABX): 100 ms
Size of document	width: single sheet 148 - 217 mm several sheets 148 - 217 mm length: single sheet 100 - 600 mm several sheets 148 - 297 mm thickness: single sheet 0.05 - 0.2 mm several sheets 0.07 - 0.15 mm
Printing paper	A4 210 x 297 mm, 80 g/m²
Largest scanning width	216 ± 1 mm
Resolution	horizontal: 8 points/mm (200 dpi) vertical: standard 3.85 lines/mm fine 7.7 lines/mm
Photo mode	16 grey tones (fax machine without integrated answering machine) 64 grey tones (fax machine with integrated answering machine)
Contrast control	automatic and manual
Copying	fine and photo resolution
Data compression	MH, MR
Modulation	V29bis, V27ter, V21, V17
Transmission speeds	9600/7200/4800/2400 bps
Sound power level	stand by mode: <30 dBA copy mode: <53 dBA
Printing method	ink film printer
Fax paper	standard A4 letter 210 x 297 mm (document)
Document feed	up to 10 letters (80 g/m²)
Fax switch	DAY/NIGHT/TIMER
Dimensions	356 x 240 x 163 mm (without paper tray)
Weight	about 3 kg
Power consumption	stand by: about 2 W telephoning: about 5 W sending a standard letter: ca. 20 W receiving a standard letter: ca. 35 W
Power supply	220-240 V / 50-60 Hz
Speech recording time	up to 30 minutes
Speech output	yes
Allowed operating environment	temperature: 5 - 40 °C relative humidity: 15 - 85 % RH not condensing
Recommended operating environment in use:	temperature: 17 - 28 °C relative humidity: 20 - 80 % RH not condensing
Recommended operating environment in unplugged status (ready for operation with loaded ink film and paper):	temperature: 0 - 45 ° C relative humidity: 15 - 85 % RH not condensing
Interference suppression:	with EN 55022 / VDE 0878 part 1 class B

Glossary

additional device, additional telephone: You can operate your fax machine together with additional devices such as (cordless) telephones, an answering machine etc. on a single telephone line. You have to enter some specific settings.

attachment: An attachment you can send with e-mails such as fax messages, images and files.

authorisation Code: Identification name or number used to access the Internet.

calling line identification: When you receive a telephone call, the number of the calling party will be shown on the display (not supported by all network providers).

DMM (Dynamic Message Memory): Messages of the built-in answering machine as well as fax messages that had not been printed will be stored in this memory ..

document: The written note you want to send by fax to another party.

DTMF: short for "Dual Tone Multiple Frequency". With this signal you can start fax reception from an additional telephone which has tone dialling.

e-mail: Electronic mail message, meant to be sent and received via the Internet.

fax switch, automatic and manual receive: The fax switch analyses incoming calls and detects whether it is a normal call or a fax call. If you have chosen automatic receive a fax will be received automatically and silently. If you have chosen manual receive, the fax switch is not operating and faxes can only be received by pressing START.

Home Telephone System (HTS): Many private households have installed a home telephone system. Such a system offers the possibility of internal communication but operates on only one single telephone line.

Hook-Flash-Function: The **R** key enables you to use additional services that are provided by your telephone company.

incoming message: The message a caller can leave when your answering machine is switched on and he speaks after the beep tone.

ink film: An "ink" coated foil (similar to a ribbon) for printing out on plain paper.

internet: International network through which electronic messages are sent and received.

internet access: For Internet access purposes you will be appointed an Internet account.

internet provider: Provides Internet access via server for an appropriate fee.

ITU : International Telecommunication Union, which also sets standards.

mailing list: Electronic mailing list. Subscriptions to various information service newsletters sent on a regular basis.

outgoing message (OGM): As a factory setting an outgoing message is recorded. When your answering machine is switched on the caller hears this message which is followed by a beep tone.

paper: Standard A4-Paper 210x297 mm, 80 g/m²

parallel: Your connection is parallel, if you make a call with another telephone and your fax machine does not respond as described under "serial" (see *serial*).

polling: You can collect documents which have been prepared for collection at a remote fax machine.

private branch exchange (PABX): Private branch exchange systems are common in most large companies. They provide a kind of internal telephone network. In order to connect to the public network you must first dial an outside line.

pulse dialling: The old dialling mode is pulse dialling. Every number key has a specific number of pulses assigned to it.

scanner: input device for copying and faxing documents

sender identification: On most fax machines the name and the number of the user can be entered. This so-called sender identification will be printed on the fax receipt and will also appear on the display of the fax correspondent's machine.

serial: Your connection is serial, if you make a call from another telephone and at the same time the red display lamp flashes and the display shows "EXTERNAL TELEPHONE" (see *parallel*).

server: Sends and receives fax messages and e-mails via the Internet

server number: Telephone number needed to contact server.

TAM: Telephone answering machine

tone dialling: Tone dialling is the modern dialling mode. Every key has a different tone assigned to it.

URL: Short for "Uniform Resource Locator"; Internet address

web page: Internet page

A

- Access
  - Internet 26
- Access code 31
- Additional device
  - Definition 38
- Additional devices 1
  - Connection 12
- Additional telephone 20
- ALT key 7
- Answering device 1
- Answering machine
  - Switch on and off 29
  - Volume 29
- Attachment
  - Explanation 38
- Authorisation code 38
- Auto mode 29
- Automatic fax transmission 28

B

- Basic functions 14

C

- Call
  - Making 19
- Call transfer 20
- Call waiting 19
- Calling Line Identification 20
- Calling line identification
  - Definition 38
- CE mark 40
- Check Display 10
  - Paper jam 11
- Circular send 21
- Cleaning 9
- CLEAR 7
- Clear 6
- Clear key 29
- CLID 20
- Clock 1
- Code
  - Access code 31
  - Service 36
  - VIP code 30
- Commands for remote control 31
- Compatibility 38
- Completely silent operation 17
- Compression
  - Data 38
- Computer 26
- Confirmation tone 31
- Connectin
  - Additional devices
    - To the same socket 12
- Connecting
  - ISDN 12
  - PABX 12
- Connection
  - Additional devices 12
  - Parallel 38
  - Serial 39
  - Type 38
- Consumption (power) 38
- Contrast 25
- Controls
  - location 6
- Conversation
  - Record 30
- Copy key 24
- Copying 24
- Cordless telephone 1
- Correct
  - Entries 19, 20
- Correction 14, 19

D

- Data
  - Technical 38
- Data compression 38
- Date 14
- Day 1, 14, 18
- Day mode 16
- Delayed send 23
- Delete
  - Entries 20
  - Entry 19
  - Message 29
  - Numbers 19
- Description
  - Machine 4
- Dial key 19
- DIAL/MIC 7
- Dimensions 38
- Display 5
  - Language 15
- Display lamp 6
- DMM 5
  - Explanation 38
- Document
  - Feed in 21
- Download
  - Internet pages 27
- DTMF
  - Explanation 38
- Duration
  - Recording 29
- Duration of recording 29

E

- E-mail 1, 26
  - Explanation 38
  - Fax transmission 27
  - Options 26
  - Reception 27
  - SMS 27
- Easy Install 1, 12
- EASYLINK 17
- Entering
  - Name 14
  - Number 14
- Environment protection 40
- Error report 22
- EU guidelines 40
- External memo 30

F

- Fax
  - Journal 22
- Fax message
  - Receiving 1
  - Sending 1
- Fax reception
  - Paperless 23
- Fax switch 1, 16, 38
- Faxes
  - Send 21
- Feed in
  - Document 21
- Fine key 24
- Fine setting 24
- Fine/Photo 6
- Flash times 38
- Function
  - Overseas 22
- Function list 14
- Functions
  - general view 5

G

- General view
  - functions 5
- Glossary 38
- Grey tones 38
- Guarantee 2

H

- Hands-free operation 20
- Handset
  - Dial/Mic key 19
  - Mute 20
- Help function 14
- Help key 1, 12, 14
- Help/Install 6
- Hook-Flash-Function 38
- HTS
  - Explanation 38

I

- Image quality 21
- Ink film 38
  - Loading 9
  - Removing 9
  - Replacing 9
- Install key 12, 14
- Installation 1, 8
- Instructions
  - Care and maintenance 36
- Interference suppression 38
- Internal memo 30
- International guarantee 2
- Internet 1, 26
  - Automatic fax transmission 28
  - Explanation 38
  - Local cost faxing 28
  - Server 26
- Internet account
  - Set-up 26
- Internet pages
  - Download 27
- Internet provider 38
- ISDN 12
- ITU 38

J

- Journal 22

L

- Language
  - Display 15
- Line 8
- List
  - Telephone numbers 20
- List of telephone numbers 20
  - Print 20
- Loading
  - Ink film 9
  - Paper 10
- Local cost faxing 28
- Location 8
- Location of controls 6
- Loudspeaker 20
  - Volume 15

M

- Machine
  - Description 4
  - Overview 4
- Mailing list 38
- Manual fax reception 17
- Memo 30
- Menu key 14
- Menu/OK 6
- Message 29
  - Delete 29
- Mic key 19, 20
- Microphone 20
- Mode
  - Day (Sun) 18

Modulation 38
Month 14
Moon (symbol) 16
Mute 20

N

Name
  Entering 14
Night 1
Night mode 16
Number
  Entering 14
Numbers
  Delete 19

O

Options
  E-mail 26
Other devices 20
  Connection 12
Overseas function 22
Overview
  Machine 4

P

PABX 12
  Explanation 38
Packaging 40
Paper
  Format 22
  Loading 10
  Paper jam 11
  Removing 11
  Size 38
Paper format 10, 38
Paper tray 10
Paperless
  Fax reception 23
Parallel 12
  Connection 38
Pause key 29
PC 26
Photo key 24
Photo mode 38
Photo setting 24
Play 6
Play back volume 29
Play key 29
Polled reception 22
Polling
  Explanation 38
  Quick 22
  Send 22
Polling with code 22
Power consumption 38
Power supply 38
Prepaid card
  Set-up 26
Print
  List of telephone numbers 20
Printer roller 9
Private branch exchange 12, 13
Pulse dialling
  Explanation 38

R

R key 7, 19
Receive
  Automatic 38
  Manual 38
Reception
  E-mail 27
Record 6, 29
  Conversation 30
Record key 29, 30
Recording
  Duration 29
Recording time 29
Recycling 40
Redial 7, 19
Remote control 31
Removing
  Ink film 9
  Paper 11
Replacing
  Ink film 9
Report
  Error report 22
  Transmission report 22
Resolution 24
  Technical data 38
Ring signal 15
  Type 15
  Volume 15
Ringing
  Despite answering device 30

S

Safety instructions 2
Scanner 1
  Explanation 39
Scanning 24
Scanning width 38
Send
  Delayed 23
  Faxes 21
Sender identification
  Explanation 39
Serial 12
  Connection 39
Server 26
  Explanation 39
  Number 26, 39
Service 2
Service code 36
  Use 36
Set-up
  Internet account 26
  Prepaid card 26
Setting
  Day mode 16
  Night mode 16
Shift key 7
Short dial 7, 19
Short Message Service 27
Silent fax reception 17
Size
  Document 38
Size compression 22
SMS 27
Space key 7
Special settings 17
START 7
Start/Copy 6
STOP 7
Stop 6
Storing numbers 19
Sun (symbol) 16, 18

T

TAM
  Explanation 39
Technical data 38
Telephone 19
  Record a conversation 30
Telephone book 7, 19
  List of numbers 20
Telephone cable 8
Telephone numbers
  List 20
Time 14, 23
Timer 1, 5, 16, 17
Timer mode 17
  Activate 17
  Check 17
  Configure 17
  Deactivate 17
Tipps 32
Toggling calls 19
Tone dialling
  Explanation 39
Transmission report 22
Transmission speed 38

U

URL
  Explanation 39

V

VIP code 30
Volume 29
  Loudspeaker 15
  Ring signal 15

W

Web page
  Explanation 39
Weight 38

Y

Year 14

The CE mark confirms that the machine corresponds to the relevant guidelines of the European Union.

This device has been approved throughout Europe for connection as an individual network terminating device to the public telephone network in accordance with decision 98/482/EC by the Council and the decision 1999/303/EC by the Commission. Due to differences between public telephone networks in various countries this approval does not represent a guarantee for the successful operation of this device with every PABX network terminating device.

This product is prepared for use in the country indicated on the label of the box and on the bottom of the unit. The usage in other countries could cause malfunction. For further information please contact your national technical support centre.

Initially contact your dealer if problems occur during operation.

This operation manual has been printed on chlorine-free, recycled paper, in line with the highest standards of environmental friendliness.

The used cardboard packaging as well as the cardboard protecting your facility at its sides made of waste paper can be recycled like waste paper; corresponding to your country's demands dispose the plastic foils either for recycling or with your rubbish.

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